

AIM Ann Report
1982 to 1983

AUCKLAND INSTITUTE AND MUSEUM



ANNUAL REPORT

1982-83

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Front Cover: View of the Pukeroa Pa Gateway restored to its original colour scheme, on display in the entrance foyer of the Museum.

Back Cover: The Pacific Canoe Hall mural carried out under the Artwork scheme.

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Annual Report
Auckland Institute and Museum
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For presentation at the Annual General Meeting
to be held on September 20 1983

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AUCKLAND INSTITUTE AND MUSEUM

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DR R.H.L. FERGUSON, F.R.C.S., F.R.A.C.S.

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Representative on Member Bodies' Committee, Royal Society of New Zealand:

DR P.J. BROOK, M.Sc., Ph.D.

Director:

MR G.S. PARK, M.A., A.M.A.

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STAFF AUCKLAND INSTITUTE AND MUSEUM

Administration

Director	STUART PARK, M.A., A.M.A.
Assistant Director	DAVID SIMMONS, M.A., Dip. Etds. Celt. (Rennes), Dip. Etds. Civ. Franc. (Sorbonne)
Director's Secretary	GAYE POWELL
Secretarial Assistant	ANNE WILSON
Accountant	BRUCE ROBERTSON, B.Comm., A.C.A., A.C.I.S.
Accounts Clerk	MERLE WILLIAMS
Clerical Assistant	ISOBELLE CHERRINGTON
Receptionist/Telephonist	MAUREEN TAYLOR

Applied Arts

Curator of Applied Arts	BRIAN MUIR, B.A., Dip. Tchg.
Hon. Curator of Textiles	JUDY SMITH
Hon. Curator of Furniture	WILLIAM ROSS-LOWE, M.B.E.
Hon. Horologist	DAVID SMITH, M.A., Ph.D.

Archaeology

E. Earle Vaile Archaeologist	NIGEL PRICKETT, M.A., Ph.D.
Hon. Archaeologist	AILEEN FOX, M.A., F.S.A.
Hon. Research Associate in Archaeology	JANET M. DAVIDSON, M.A.

Botany

Botanist	ANTHONY WRIGHT, M.Sc.
Associate Botanist	TED BANGERTER, F.L.S.
Hon. Botanist	LUCY CRANWELL SMITH, M.A., D.Sc., F.L.S., F.R.S.N.Z.
Hon. Research Associate in Botany	JEANNE H. GOULDING

Conservation

Assistant Conservator	GERRY BARTON, M.A.
Assistant Conservator	GEORGINA CHRISTENSEN, M.A. (until 12.11.82)

Display

Curator of Display	RICHARD WOLFE, B.F.A.
Display Artist	PETER GOSSAGE
Display Artist	GILLIAN CHAPLIN, B.A., M.F.A.
Display Assistant	AUDREY McBIRNEY

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Education

Education Officer	STRUAN ENSOR
Assistant Education Officers	BERT CADMAN, B.A. DAVE REYNOLDS, B.A., Dip.Tchg.
Teacher Aid	PAMELA TOWERS
Artist-Technician	JOHN McCAW

Entomology

Entomologist (Senior Scientist) ...	KEITH WISE
Entomology Assistant	JANET GURR

Ethnology

Ethnologist	DAVID SIMMONS, M.A., Dip.Etds. Celt. (Rennes), Dip.Etds.Civ. Franc. (Sorbonne)
Ethnology Assistant	NOLA ARTHUR, N.Z.L.A.Cert., A.N.Z.L.A., A.L.A.A.
Clerical Assistant	MARY BEST

Extension Service

Extension Officer	JOHN WADHAM, B.Sc.
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Liaison Service

Liaison Officer	SHERRY REYNOLDS, M.A., Dip.Tchg.
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Library

Librarian	IAN THWAITES, B.A., Dip.N.Z.L.S., A.N.Z.L.A.
Assistant Librarian	GORDON MAITLAND, M.A., Dip.N.Z.L.S.
Library Assistant	DIANE CALDER, N.Z.L.S.Cert.
Clerical Assistant	MARIENNE FLETCHER

Malacology

Malacologist	WALTER CERNOHORSKY, F.L.S.
Hon Research Associate in Mollusca	BADEN POWELL, Hon.D.Sc., F.R.S.N.Z., F.M.A.N.Z.

Marine Biology and Maritime History

Marine Biologist	BRETT STEPHENSON, M.Sc.
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Ornithology

Ornithologist	BRIAN GILL, B.Sc.(Hons), Ph.D. (from 4.5.82)
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Planetarium

Operator GARY FREETH

War Collections

Curator JOHN WADHAM, B.Sc.

Hon. Curator of Medals
and Badges DAVID CORBETT, A.F.R.Ae.S.

Attendants

BRUCE FLETCHER (Senior), FRANK BRENNAN, BRIAN CRAIG,
PATRICK FITZGERALD, ERIC FRAZER, EDWARD JOHNSON,
MERVYN LOCKLEY, IAN McPHEE, GREG MILLS, JOSEPH MILLS,
LUIS RAMON, BOB RUTHERFORD, WILLIAM SMITH, EDWYN
SOUTHWORTH, GRAHAM TAYLOR, JACK WATSON, COLIN WHYTE.

Cleaning

NOEL CHAPMAN, CYNTHIA POCOCK, ESTHER SMITH, MAY SMITH.

Coffee Lounge

MARY EICHLER (Manager), MARY McSWEENEY (Assistant Manager),
JEAN BEGG, JOAN HARVEY, GEOFF LANGLEY, BONITA MALTBY,
JEANNE MELLAMPHY, ALISON McLAUGHLIN, ESMAY ULENBERG.

Maintenance

HARRY ROWE

Museum Shop

MYRA ALEXANDER (Manager), SALLY ANDREWS, MIGNONNE
BROWNJOHN, STRELSA BOYCE, ANNE COOPER, YVONNE DEW,
ANN HANNA, IDA LINWOOD, NANDA WATSON.

PRESIDENTS AUCKLAND INSTITUTE AND MUSEUM

1867 F. Whitaker	1903 Professor A.P.W. Thomas
1869 Hon. T.B. Gillies	1906 Professor F.D. Brown
1870 Rev. Dr A.G. Purchas	1907 E.V. Miller
1871 T. Heale	1909 Professor C.W. Egerton.
1873 Hon. T.B. Gillies	1910 Dr R. Briffault
1874 Sir G.A. Arney	1911 J.H. Upton
1875 J.C. Firth	1912 Professor H.W. Segar
1876 Hon. T.B. Gillies	1913 C.J. Parr
1877 R.C. Barstow	1915 Hon. Sir E. Mitchelson
1878 T. Heale	1917 J.H. Gunson
1879 Rev. Dr A.G. Purchas	1926 H.E. Vaile
1881 T. Peacock	1931 A.G. Lunn
1882 E.A. MacKechnie	1933 Professor H.W. Segar
1883 Rt. Rev. Dr W.G. Cowie	1934 Sir Cecil Leys
1884 H.G. Seth Smith	1935 A.T. Pycroft
1885 J.A.. Pond	1936 Sir Carrick Robertson
1886 Professor F.D. Brown	1938 C. Reginald Ford
1887 Professor A.P.W. Thomas	1940 Dr W.A. Fairclough
1888 S. Percy Smith	1942 A.H. Johnstone
1889 J. Martin	1944 J.C. Rennie
1890 J. Stewart	1947 Hon. T. Bloodworth
1891 Professor F.D. Brown	1949 F.L.G. West
1893 Professor C.A.M. Pond	1952 professor L.H. Briggs
1894 J.H. Upton	1955 J.W. Kealy
1895 Professor A.P.W. Thomas	1958 J.H. Rose
1896 D. Petrie	1961 J. Seabrook
1897 Dr E. Robertson	1964 S.G. Brooker
1898 Prof. H.A. Talbot-Tubbs	1967 Dr H.C. Holland
1899 J. Batger	1970 Lt.-Col. A.R. Hughes
1900 Professor H.W. Segar	1973 G.W. Frater
1901 J. Stewart	1976 Dr J.D. Atkinson
1902 Dr E. Robertson	1980 Dr R.H.L. Ferguson

DIRECTOR EMERITUS

E.G. Turbott, Q.S.O., M.Sc., F.M.A.N.Z.

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REPORTS TO MEMBERS

President

In this final report to members during my three-year term as President, it is pleasing to report once again on a good year of activity at the Museum. At the Annual General Meeting I will be handing over to the incoming President, Mr R.E. Thomas. The Vice-President will be Mrs S.M. Weight.

Council: During the year Mr P.C. Yearbury resigned as one of the representatives on Council, and we have been pleased to welcome Mr C. Mountfort to replace him. At the Annual General Meeting in September, Mrs S.M. Weight and Mr J.F.Y. Schischka were elected to Council as new representatives of the members, and Dr P.J. Brook, Mr W.A. Laxon, Dr D.B. Robertson and Dr J. Rogers were re-elected to Council after the completion of their three-year terms of office. Dr M.J. Taylor and Mr S.G. Brooker, who also completed their terms on Council, did not seek re-election. Council has met 11 times during the year and its various committees have met on many occasions, as the need arose. I am pleased to record my thanks to the members of Council for their enthusiastic voluntary work for the Museum during the year.

Membership: At the Annual General Meeting Mr S.G. Brooker and Mr W.H. Ross-Lowe were elected to Honorary Life Membership. Mr Brooker joined the Institute and Museum in 1943 and was elected to Council in 1954. He served continuously on Council until 1982, serving as a Council member, President and Vice-President and, subsequently, as Council member again — an unbroken period of service of 28 years. He worked on several committees and was our representative to the Royal Society of New Zealand for 12 years. Mr Brooker has also been a valued voluntary assistant in the Museum Library.

Mr Ross-Lowe has also had a long association with the Museum, though in a rather different field. With the opening of the Disney Hall of English Furniture in 1972, Mr Ross-Lowe offered his services and knowledge in caring for the pieces in the Hall. He was formally appointed to the position of Honorary Curator of English Furniture, which he still holds, in 1973. He has devoted long hours to the maintenance of the collection, advised on additions to the collection, written explanatory leaflets and labels, and taken countless guided tours of the gallery.

In approving the award of Honorary Life Membership to these two gentlemen, members clearly recognised their long and valued service to the Museum.

The roll has changed as follows:

	As at 31.3.82	As at 31.3.83
Honorary Life Members	14	16
Life Members	682	698
Ordinary Members	1230	1161
	<hr/> 1926	<hr/> 1875
	<hr/>	<hr/>

This slight drop in membership is probably not significant. I do, however, appeal to all members to nominate any of their family or friends who may be

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interested in supporting the Museum.

Awards: Three members were honoured by Her Majesty the Queen during the year and our congratulations are extended to them: the late Mr A.D. Baldwin, Q.S.O., Prof E.G. Bollard, C.B.E., B.Sc., Ph.D., F.R.S.N.Z., Miss L.T.H. Flower, Q.S.M.

Obituary: We record with regret the deaths of the following members: Prof H.G. Forder, Dr H.C. Holland, Mrs G.L. Cumming, Mr M.E. Mitchell, Mrs B.H. Kingston, Mrs J.S. McGeorge, Mr H.M. Spencer, Mr A.M. Ihle, Mr J. Ricketts, Mr M.H. Wiseman, Mr A.L. Caghey, Mrs R. Ross, Mr A.D. Baldwin, Mr J.J.C. Gardner.

Dr Harold C. Holland was a former President of the Institute and Museum from 1967 to 1970 and, subsequently, Vice-President for nine years. He became a member in 1952 and was elected to Council in 1961. He served on Council until 1980. He also served as a member of the Museum Trust Board from 1967 until the time of his death. The Museum Auditorium, its Shop and Coffee Lounge were all either carried to completion or set in train during his Presidency. He made a notable contribution to the progress of the Museum.

Institute Meetings: Attendances at our monthly meetings this year have been better than for several years past. At the suggestion of Museum Committee Chairman, Mr R.B. Sibson, the lectures were arranged around the theme 'Astirde Two Oceans: the uniqueness of the Auckland Isthmus'. This thematic approach appealed to our members and the public. Our thanks are recorded to the following lecturers: Prof J.A. Grant-Mackie, 'Twas Not Ever Thus: Auckland's geological development'; Prof J.E. Morton, 'Isthmus Invaded: the plants and animals between two seas'; Lady Aileen Fox, 'Tamaki makau rau: archaeology and Maori traditions in the Auckland Region'; Dr John Stephenson, 'Public Health in Auckland' (annual Medical Association lecture); Dr M.A. Taylor, 'The People of Auckland: a computerised view of contemporary isthmanians'; Prof J.D. McGee, 'Rutherford and Opto-electronics' (Rutherford Memorial Lecture of the Royal Society of New Zealand); Dr Lawrence Green, 'Health Education and Health Promotion: emerging theories and policies' (New Zealand Dental Health Foundation lecture). There were two lunchtime lectures: Prof J.D. Saunders, 'Industrial Design in New Zealand', and members of the Museum staff spoke on 'Treasures of the Museum'.

This year's Archey Lecture to senior secondary school pupils was given by Dr P.J. Brook, Director of the Plant Diseases Division of the DSIR, and the Chairman of the Institute Committee of the Museum Council. Dr Brook lectured on the subject 'Fungi in this Sunlit World', in which he examined the results of research into the effect of ultraviolet radiation on fungus diseases of stone fruit.

Two 'At Home' evenings were held in June when members were afforded an opportunity to examine the activities of the Museum 'behind the scenes'. The evenings were very successful and greatly enjoyed by those who attended. Another memorable occasion was held in March, when members invited Their Excellencies, Sir David and Lady Beattie to a reception at the Museum. Mem-

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bers joined with Their Excellencies in examining the Museum and its displays, as well as some special events which had been arranged for the occasion. The drums and dancers of Aitutaki Enua, the University String Quartet and the girls of Queen Victoria School helped bring the evening alive. I was grateful to Te Watene for extending a welcome to Their Excellencies on behalf of Ngati Whatua, as *tangata whenua*.

At a Special General Meeting in September revisions of the Rules were adopted. These provided for the creation of a new class of 'Corporate Membership' and allowed the subscription rates to be set by the Annual Meeting without a change to the Rules being required. An appeal for Corporate Members is to be undertaken shortly.

Finance: In March 1982 a group of local authority representatives and their spouses were afforded a similar opportunity to that mentioned above for Institute members, of visiting parts of the Museum not normally open to the public. Those who attended clearly gained a much greater insight into the variety and complexity of tasks which the Museum undertakes. In September, members of Council met with representatives of some local authorities, who had expressed concern at the high increase in the Museum levy on local authorities in 1982. The increase had arisen partly because of the difficulties with the Museum Act in 1980, from which the Museum is still recovering, and partly because of the need to undertake several major and essential works in the Museum, mentioned below. Those attending appreciated the opportunity for an exchange of views and were, I believe, reassured.

Museum Building: Several major developments have been occurring within the Museum. As a preliminary to the display redevelopment of the Maori Gallery, an inspection was undertaken of the Museum roof, which revealed that parts of the structure had become weakened over the more than 50 years of its life. The decision was made to replace the roof and ceiling fabric, and those weakened parts of the structure, using opaque materials. This choice was made partly on economic grounds, but principally because the excessive natural light which poured through the old glass roof and ceiling was causing considerable deterioration to the irreplaceable Maori exhibits below, as well as making control of lighting for effective display purposes impossible. This decision to alter the appearance of this important part of the building was not taken lightly. We are confident that the finished result will enhance, rather than detract from, the appearance of the Museum. It is pleasing that the work was completed in the year being reported on at a cost substantially below our initial estimates.

We have also finished the programme to improve disabled access at the Museum, begun earlier, by the opening of the ramp in the Museum Foyer. This work was supported by grants from the Telethon Trust of the International Year of Disabled Persons, the Auckland Savings Bank, the B.G. Winstone Trust and a bequest from Miss R.M. Peck.

Planning for two further projects was begun during the year. The Museum toilets have been a source of embarrassment to Council. Funds have been allocated to bring these to an acceptable standard. The Museum lift, although safe, is rapidly approaching the end of its economic life. It is hoped to begin

work on replacing the lift during 1983. Council also continued its programme to upgrade security at the Museum. This will be an ongoing programme.

Council sent the Director on an extensive trip to visit overseas museums. Mr Park's report will be of great benefit the Museum, both now and in the future. One important development for the 1983-84 year will be the introduction of a volunteer guide scheme.

Gifts, Grants and Bequests: The community's continuing support for the Museum has been expressed through a large number of gifts and grants this year. The Board of Trustees of the Auckland Savings Bank made a grant of \$5,000 to assist the Museum in the development of its conservation laboratory and facilities. This important aspect of the Museum's work has been much helped through this grant.

Support for the development of the conservation facilities was also received from the Committee for the Conservation of Cultural Property of the Department of Internal Affairs, through whom a grant of \$10,000 was made by the Lottery Profits Board of Control. The Lottery Board made a further grant of \$10,000, through the Art Galleries and Museums Scheme of the Department of Internal Affairs, towards the upgrading of security at the Museum. The Board also made grants through its Scientific Research Distribution Committee of \$10,000 in support of the publication of a Museum *Bulletin* by Mr W.O. Cernohorsky and \$3,000 for a *Bulletin* by Lady Aileen Fox. Lady Fox's *Bulletin* was the subject of an additional grant of \$2,500 from the Willi Fels Memorial Trust.

The Trustees of the Sir John Logan Campbell Estate made a grant of \$10,000, to be used in the development of the Maori display galleries which, as the Director reports below, is making good progress. The Estate's support of this major display project is greatly appreciated.

The International Year of Disabled Persons Telethon Trust made a grant of \$5,000 which, as mentioned above, was used to assist in improving disabled access to the Museum.

The Disney Art Trust generously granted a sum in excess of \$10,000 which, as Mr Muir mentions below, has greatly assisted in the purchase of objects for the Applied Arts Department. The Museum is very grateful to Mr Charles Disney for the continuing support of the Trust. A bequest of \$1,000 was received from the estate of the late Constance Lloyd.

We acknowledge with gratitude the support of all these organisations. Monetary donations were also received during the year from Tainui School, Rally Arura, Mr I. Weir, Mr J. Daley, EMI NZ Limited, Mr P. White, B.G. Winstone Memorial Trust, MacHarman/Ayer Advertising Limited, Multicultural Society of New Zealand, Pace Studios Limited, Mr K. Allen, Mr P. Peacocke, Auckland Historical Society, D. Hitchcock Photography, P & O Travel, Atlantic & Pacific Travel, Mr F.E. Jackson, W. Collins Limited, Mr G. Regtein, Firth Primary School, Matamata Historical Society, John Daley Photography, Dobbs Wiggins McCann Erickson Limited, Ms Sue Freeman, Mr D. Maddock, New Zealand Everyboys Rally, International Conference on Fats and one anonymous donor.

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It is pleasing to note that the Shop and Coffee Lounge have become an important source of income to the Museum, thanks to support of both by members and visitors.

Local Authority Contributions: Statutory contributions under Auckland War Memorial Museum Maintenance Act 1979, as amended. In addition, voluntary contributions were received from the following local authorities:

Statutory:

Auckland City Council	282,108.00
Birkenhead City Council	25,468.00
Devonport Borough Council	15,684.00
East Coast Bays City Council	43,109.00
Ellerslie Borough Council	9,212.00
Franklin County Council	33,708.00
Glen Eden Borough Council	8,372.00
Helensville Borough Council	659.00
Henderson Borough Council	9,376.00
Howick Borough Council	20,152.00
Manukau City Council	189,720.00
Mt Albert City Council	30,179.00
Mt Eden Borough Council	23,880.00
Mt Roskill Borough Council	42,106.00
Mt Wellington Borough Council	32,535.00
New Lynn Borough Council	11,615.00
Newmarket Borough Council	6,418.00
Northcote Borough Council	13,465.00
Onehunga Borough Council	25,634.00
One Tree Hill Borough Council	28,211.00
Otahuhu Borough Council	111,991.00
Papakura City Council	20,190.00
Papatoetoe City Council	22,196.00
Pukekohe Borough Council	6,010.00
Rodney County Council	43,407.00
Takapuna City Council	102,811.00
Tuakau Borough Council	930.00
Waikato County Council	2,311.00
Waitemata City Council	82,432.00
Waiuku Borough Council	2,111.00
Total	1,146,000.00

Voluntary:

Bay of Islands County Council	100.00
Cambridge Borough Council	175.00
Great Barrier Island County Council	100.00
Hamilton City Council	3,500.00
Hauraki Plains County Council	400.00
Huntly Borough Council	600.00
Kaitia Borough Council	160.00
Kawerau Borough Council	300.00
Matamata Borough Council	350.00
Matamata County Council	2,950.00
Morrinsville Borough Council	135.00
Otamatea County Council	100.00
Otorohanga County Council	1,350.00
Paeoa Borough Council	170.00
Piako County Council	700.00
Putaruru Borough Council	230.00
Raglan County Council	600.00
Taupo Borough Council	500.00
Taupo County Council	500.00
Tauranga City Council	200.00
Tauranga County Council	400.00
Te Awamutu Borough Council	500.00
Te Puke Borough Council	180.00
Thames-Coromandel District Council	1,000.00
Waikato County Council	3,800.00
Waipa County Council	500.00
Waitomo District Council	1,000.00
Whakatane District Council	1,250.00
Whangarei City Council	3,400.00
Whangaroa County Council	150.00
Total	25,300.00

Attendances: Attendances for the year have remained almost stationary. The total of 1,318,656, being a decrease of one percent on 1981-82.

In conclusion, I wish to acknowledge the loyal service of the Director and all staff members and compliment them on a good year of work and progress for the Museum.

R.H.L. FERGUSON

Chairman of the Trust Board

The year has not been an active one for the Trust Board since the stable position of the Museum's investment position referred to last year has continued. One issue of concern, however, has been the effect of the Government

freeze on rents on the Board's income from the Vaile investment property. Although some areas of expenditure under the Vaile bequest have also been frozen, others, such as the purchase of books and specimens, have not. Our costs in these areas have continued to rise.

As mentioned above by the President, Dr Harold Holland died during the year. Dr Holland was elected as a representative of the Institute and Museum members on the Trust Board in 1967. He was a member of the Board at the time of his death. His long and valuable service to the Board and the Museum as a whole will be sadly missed. At a Special General Meeting held in September, members elected Mr G.W. Frater to fill the vacancy left by Dr Holland's death. Graeme Frater has had a long association with the Museum. He became a member in 1945 and was elected to Council in 1963. He was President from 1973 until 1976 and has continued to serve as Vice-President since that time. His considerable experience in the investment field will prove of great benefit to the Board in its care of the Museum's investments.

The total of invested funds now stands at \$1,105,259.00.

R.E. THOMAS

Director

Staff: Dr Brian Gill took up his duties as Ornithologist at the Museum in May. Dr Gill also has under his charge the curation of the reptile and non-marine mammals in the Museum collections. Brian holds his doctorate from the University of Canterbury, where his thesis research concerned the breeding relationship between shining cuckoos and grey warblers. He has entered with enthusiasm into his work at the Museum, as well as into both ornithological and herpetological activities locally.

Georgina Christensen completed her one-year appointment with the Museum in November, during which time she had worked as Assistant Conservator, broadening her experience and assisting the Museum in the establishment of its conservation facilities. Miss Christensen has now taken up a position as National Co-ordinator for the Interim Committee for the Conservation of Cultural Property in Wellington.

The post of Senior Conservator, referred to in the last report, has been advertised and has attracted considerable interest both within New Zealand and overseas. Regrettably it has not been possible to make the appointment during the year, but we look forward to the new conservator taking up duties during 1983.

The Museum has been fortunate once again to obtain the services of a number of talented people and give them further work experience through the Project Employment Programme of the Department of Labour. Curators of individual departments refer to the work of these people in more detail below, but I would like to acknowledge the valuable assistance of Adrian Beasley, Wendy Gibbs, Rosemary Gilbert, Dawn Hendry, Alan Leatherby, Naomi McNeill, Peter Quin, Kathryn Rowntree, Jeff Sissons and Jeff Spiro. Through the Artwork scheme, a joint project of the Auckland City Council, the Northern Regional Arts Council and the Department of Labour, we were fortunate to be able to employ five



Auckland Museum staff in 1982.

people: Julie Benjamin, Lance Black, Julian Hansen, Peter Peryer and Deborah Savage. Their work in display and in the Library is further referred to below. The support offered to the Museum through these programmes was especially valuable this year, since the abolition of the Student Community Service Programme removed a valuable source of assistance which has been much appreciated in previous years.

Overseas Leave: During the year I was fortunate to be able to travel to North America, Britain and Australia to examine museum practices and procedures. Seventy-two museums, planetaria and allied institutions were visited, and many aspects of museum work examined. Discussions were held with many museum directors and staff members, both paid and voluntary, and information and publications on museum programmes gathered. I am very grateful to many museum personnel who freely gave their time to discuss museum matters with me.

This study was made possible by the Council of the Auckland Institute and Museum, and the financial and personal support of the President and Council is gratefully acknowledged.

A principal interest in undertaking the study was to examine the ways in which museums interpret their collections to the public. The most important device was the use of docents. The word 'docent' is not in normal everyday use in New Zealand, nor, as I was rather surprised to discover, in North America. Although the use of docents is an established practice in all major museums in North America, many museum personnel I spoke to expressed dissatisfaction with the term. In New Zealand English, 'volunteer guides' is probably the most satisfactory term. The main activities of docents in North American museums were in the museums' education departments in conducting classes of school children through the museum galleries. That is not a role I foresee at this Museum in the immediate future, since school education services in New Zealand museums are differently structured.

Another function for docents, however, was in guiding parties of museum visitors, both adults and children through the displays. Sometimes these tours were prearranged, where a tour party would organise in advance a tour of the galleries to be given to them on their arrival at the museum, while in other instances visitors simply joined a tour at the entrance to the museum at specified times. Auckland Institute and Museum has, in the past, made some efforts in this direction, but a substantial unfulfilled need remains. The existence of a group of volunteer guides would enable tours to be given to normal tourist groups on a much more regular basis, as well as catering to the needs of groups with more specific interests. Such guides would enable the Museum better to interpret its collections to its public, as well as freeing members of staff for other duties.

Volunteer guides will not magically appear, however. Every museum staffer involved with volunteers with whom I discussed the question stressed the considerable involvement of the staff in the organisation and training of volunteers, and in the continuing administration of the scheme. Museums, as educational institutions, must be concerned for the accuracy of the information they convey. It is imperative that guides are well trained to provide accurate information and informed answers to questions, as well as the resources to find out the answers to questions they cannot answer.

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As a direct result of my experiences in North America, and in response to perceived needs in Auckland, I am planning for the introduction of a system of volunteer guides at the Museum. It is hoped that the scheme will be sufficiently developed by December 1983 that guides will be available to the public, at least on a trial basis, over the summer of 1983-84. Although volunteer guides will provide a considerable improvement to the level of interpretation offered to visitors to the Museum, other forms of guides need to be considered as well. The greatest need, it seems to me, is for a guide booklet to the Museum and preparations will proceed as other workloads allow. Several excellent models for such a publication were seen and collected.

The Planetarium at Auckland Museum was installed in 1959 as a centennial gift from the Farmers' Trading Company. I was aware before I left for overseas that the Spitz projector housed in the Planetarium was becoming old and had been replaced in most overseas planetaria by modern equipment. I made a point of visiting planetaria wherever possible and examining their presentation, as well as discussing equipment with the staff. My impression in most planetaria was that they had become overwhelmed by the technology available and had perhaps lost sight of their original functions and purpose as it relates to museums. In a number of the presentations I viewed the projector itself was used for only a fraction of the time and, in some instances, not at all. That impression notwithstanding, it was apparent that new planetarium projectors are greatly superior to the small machine in Auckland. Further investigation will be required before decisions are made concerning the future of the Planetarium at Auckland Museum, but I do believe that some form of replacement equipment will need to be considered in due course. I am impressed with what is being achieved, using our small and out-of-date machine, in teaching basic astronomical principles.

I had already expressed my concern to Council over the 'War Trophies' displays at Auckland Museum. My view is that these should be upgraded to represent military history, rather than military hardware displays as is the case at present. This approach was confirmed in the military museums I visited in Canada, Great Britain and Australia. Although it will be some time before resources of personnel at Auckland allow major renovation of the military displays, many useful ideas were observed for the future. A number of these will be implemented in the small-scale revision of the displays currently being undertaken.

Because of the redevelopment of the Maori galleries at Auckland Museum, which is now under way, I was anxious to examine modern examples of ethnographic display, particularly in museums which had not been visited by Richard Wolfe on his recent study leave, reported on below. I was struck by the low light-levels established in new galleries which were perfectly acceptable to the visitor. The action taken to exclude light from the Maori Court roof, which had been initiated before I departed, was justified. Because of the desire to preserve the architectural integrity of the Museum building, the light-levels are unlikely to be as low as I noticed in some new buildings, from which natural light was excluded entirely. My observations certainly suggest that a compromise acceptable from both the visitors' and the conservators' points of view is attainable.

As a visitor both to galleries and behind the scenes areas, I was interested to

note museum security systems. My concern that museum security is a matter on which constant vigilance is required, was strongly reinforced.

In a period of two months, I had the opportunity to see an extensive range of practices and viewpoints, only some of which it has been possible to refer to here. The results of this period of leave will be of benefit to me and to my work in Auckland over a wide sphere for some considerable time. I greatly appreciate having had the opportunity to travel to meet other museum staff and exchange ideas and approaches.

Display Programme: Following my return from leave, and that of Mr Wolfe, detailed planning began in earnest on the Maori galleries redevelopment. As Richard Wolfe reports below, by the end of the year under review, planning had reached an advanced stage and was rapidly approaching the commencement of work in the galleries themselves. Initial emphasis has been given to the development of the western gallery, with some development at the same time of the central court, with its major display objects such as the canoe and the house **Hotunui**. The eastern gallery will be the last of the three developed. In preparation for the dismantling of the existing displays, detailed records and photographs have been made, to preserve for the future a record of the displays as they stand.

Publications: Bulletin No. 12 of the Institute and Museum was published during the year. 'Catalogue of Maori Artefacts in the Museums of Canada and the United States of America' is the first of a projected series by the Museum's Assistant Director, Mr D.R. Simmons, in which he presents the results of his research project to document holdings of Maori material in museums overseas.

Auckland War Memorial Museum News was published four times during the year, and distributed to every member. The name of the *News* was changed during the year, following an expression of concern that the omission of the words 'War Memorial' had signified a deliberate attempt to play down the war memorial role of the Museum; this was of course not the case.

The *Records* Vol. 19, published on December 17, 1982, contained three papers on archaeology and ethnology by T. Hosking and A. Leahy, A. Fox and R.C. Green, and N.J. Prickett, a paper on Botany by E.B. Bangerter and four papers on Zoology by W.O. Cernohorsky and K.A.J. Wise. Once again, thanks are due to Mr Wise, as Editor, and to the Editorial Committee of Professor Green, Professor Newhook and Miss Robb.

G.S. PARK

Assistant Director and Ethnologist

A feature of the year's activities has been the number of occasions on which the Ethnology Department has been required to attend formal sessions on marae around the country. These have, in some cases, resulted from the initiative of members of the public who wished to have valuable taonga returned to the tribal owners and have asked the Museum to do this on their behalf.

Mr Trevor Lloyd, grandson of the artist, conveyed to the Museum a large block of greenstone obtained by his grandfather from a cave at Karekare on the west coast near Auckland. The place where it was found and the physical

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appearance of the piece were recognised by the Museum as being appropriate to a traditional treasure. Consultation with elders confirmed the identification. The greenstone was named Hukumau and was part of a gift made to Ngati Whatua by Kahuiaroa and the forebears of Te Ariki Taiopuru Te Riria V. I was able to take Hukumau and place it on the marae at Haranui, near Helensville, on which stands the house *Ngataituria ki te marowharo a Tauhia*. This house commemorates the links between the Tuhoe tribe of Urewera, Kahuiaroa and the Ngati Whatua, of which the greenstone is another sign. Trevor Lloyd Jnr, when informed of the importance of the stone to the Ngati Whatua, arranged for the stone to be legally returned to the tribe from his grandfather's estate. At the same time, a pouwhenua of Ngati Whatua, which had recently been purchased in England with the Members' Specimen Purchase Fund, was also laid on the marae. Ngati Whatua have since placed Hukumau in the Museum for safekeeping on their behalf.

A further such occasion was initiated by Mr and Dr Denyer, who brought into the Museum an ancient taiaha they had found in their relations' house in England, and which they wished to return to the tribe. This taiaha had been given as a gift to one of the Denyer ancestors when he tried to save the life of a young chief at Wairoa, Hawke's Bay. This was about the year 1840. Enquiries among elders of the Ngati Kahungunu and later Aitanga a Mahaki tribes of Wairoa and Gisborne revealed that the taiaha was named Nga Kohere and had originally been made for a paramount chief, Tikitiki, who had lived some five generations before 1840. He was of Aitanga a Mahaki of Mangatu. The taiaha was later held by his descendants among the Ngati Kahungunu who had presented it to an Englishman, who tried to rescue their son. The elders of Aitanga a Mahaki were informed of the return of the taiaha. A suitable occasion was found and staff of the Ethnology Department, accompanied by Hare Williams of Te Aitanga a Mahaki, escorted the taiaha to Takipu marae at Te Karaka, where representatives of all five hapu of Te Aitanga a Mahaki and of Ngati Kahungunu were assembled to receive it. The taiaha was formally welcomed at the marae then placed on a mat where it stayed all night to sleep with its people. It has now been placed on deposit by the people in the Gisborne Museum and Art Gallery.

On occasions like these, the Ethnology Department is fortunate to have Mrs Nola Arthur on the staff. She is an experienced Kai Karanga, a person who can call visitors on to a marae or reply to such a call. At the Museum itself it is also often necessary to mount a ceremonial welcome to distinguished visitors on the marae often at a few minutes' notice. Mrs Arthur's participation adds the necessary dimensions which keep the Museum's mana intact.

I attended 12 outside marae occasions and welcomed a similar number of distinguished guests to Pukekawa, the Museum marae. I was also invited to lecture to 23 outside groups and guide about ten parties through the Museum. These latter varied from Maori apprentices, who wished to see the works of their ancestors, to a party of French Senators on an official visit to this country. There were many other scholars and interested people who visited singly to study the collections. A Tongan carver spent a week with the Tongan collections and added greatly to our knowledge of Tongan arts.

Five television programmes were made during the year. Details of the exhibition of Maori art, Te Maori, to tour the United States of America have now been

prepared. Approximately 25,000 words have been supplied by myself for the catalogue in the form of an essay of Maori tribal art and as captions to accompany the photographs in the catalogue. Discussions are proceeding on a Maori art exhibition to be held in Europe in 1984 with material drawn mainly from European museums. The selection has been made from pieces seen and recorded in 1978 during my visit to Europe.

The 'Catalogue of Maori Material in Canadian and United States Museums' was published as a *Bulletin* of the Museum during the year. Work is proceeding on similar catalogues of material for Great Britain and European museums. Detailed lists have been compiled and many are at present being checked by the museums concerned. It is hoped to publish two further volumes of about the same size as the first. The skill of Mrs Mary Best, our typist, is a valued asset to the department. Mrs Best has also typed all the manuscripts submitted for the *New Zealand Archaeological Association Newsletter* edited by Nigel Prickett.

An important gift to aid the documentation of European collections has been given by the Munich Reinsurance Company of Auckland and Munich. I was able to give Mr Wolfram W. Karnowski, the Executive Manager of Munich Reinsurance in Munich, a guided tour of the Museum. In return the Munich Reinsurance Company, in conjunction with the Staatliches Museum für Volkerkunde in Munich, has supplied a full set of specially taken colour photographs of all the Maori material in Munich. Due to technical difficulties, I was not able to photograph all the collection in Munich and I am extremely grateful for the initiative of Mr Karnowski and Munich Reinsurance.

Important accessions during the year have included a collection from Peria, purchased through the E. Earle Vaile Bequest; a tiki from Orere Point, found by Mr Mark Davies and placed in the custody of the Museum under the Antiquities Act; the bequest from Miss Constance Lloyd of material collected by her father, including a rare bone koropepe from Oruarangi, and the greenstone, Hukumau.

D.R. SIMMONS

Curator of Applied Arts

The very wide range of interests which the Applied Arts Department represents is reflected in the diversity of gifts, bequests, purchases, loans and enquiries which are dealt with in the course of a year's activities.

The growth of the collections in this section of the Museum has been due mostly to funds made available from the Specimen Purchase Fund, and more especially from the very generous allocation by the Disney Art Trust. Finance from these two sources has made it possible to add significantly to the Museum's holdings of studio pottery, weaving, contemporary glass and New Zealand commercial pottery. The latter has been a recent, rapid development, providing an excellent study resource of local and national importance, which is already receiving considerable attention and interest from scholars, potters and those with a more general interest in the historical development of ceramics in this part of the world.

The increase in the collection has meant that considerable reorganisation has been undertaken in the storage and study areas. This, along with a thorough

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cleaning of the entire collection held in reserve, has occupied much time during the year, and skilled effort on the part of Mrs McBirney, who is largely responsible for the accessioning of all objects entering the department. Her work has also included the cleaning of all the silver and glass and the permanent displays.

Mr Ross-Lowe, the Museum's Honorary Curator of Furniture, has continued to keep the furniture collection in top condition, as well as speaking to groups with a special interest in this field.

Mrs Judy Smith, the Honorary Curator of Textiles and Costumes, has given her much-valued time and expertise to this constantly developing part of the collections. There has been a steady flow of gifts, as well as some significant purchases, particularly in the field of fine quality *ikat* weavings. Groups and individuals constantly draw upon the knowledge and advice which Mrs Smith so willingly and ably provides. A shortage of suitable storage space and working room is facing this section of the department, too, and moves are under-way to alleviate the problem. The conservation and care of several hundred items of textiles, costumes and rugs, has been the constant concern of Mrs Smith and Mrs McBirney, who also assists with this aspect of the department's activities.

Mr David Smith, the Honorary Curator of Clocks and Watches, has been constantly on hand, checking the state of the collection and answering enquiries. A longcase clock of some local historical interest was added to the collection this year and installed in the Disney Hall of English Furniture. Presented by Mr N.C. Watt of Whangamata, it was brought to Auckland in 1850 and stood for much of its life in the window of J.H. Watt, Watchmaker, in Shortland Street, where it served as the unofficial 'town clock'. It now keeps good time and chimes away happily to the delight of many visitors.

The Auckland Handweavers' Guild has provided frequent changes in display cases at the entrance to the Botany Hall. Mrs Diana Annandale and Mrs Val Penlington have filled the cases monthly with well-crafted and colourful pieces, including items from South America and a collection of tapestries by the late Nance Lane of Auckland, who was one of the pioneers of tapestry-making in New Zealand. I assisted with the selection of exhibits for the exhibition 'Handweavers Unlimited', which was held in the Special Exhibitions Hall of the Museum and organised by the New Zealand Spinning, Weaving and Woolcrafts Society Inc.

Together with Mr Bayliss, the former Curator of Applied Arts, Mr Park and Mr Barton, a seminar on ceramics was conducted for about 30 people from museums and historic houses in the northern part of the North Island. As part of the Diploma workshops programme, the seminar provided an opportunity to discuss a wide range of topics related to ceramics generally and to handle material from a diverse range of periods, cultures and techniques.

The Auckland Studio Potters Society has added to its collection which is deposited with the Museum. The entire collection was placed on exhibition to coincide with the National Potters' Exhibition held in the Museum, and a seminar organised in conjunction with that event. An exhibition of coins and medallions was mounted by members of the Auckland Numismatic Society and there was a display of painted china by six members of the Ceramic Artists Guild. Both of these displays attracted much attention and interest.

The Mackelvie collection, which contains many of the treasures of the Museum, was given special attention during the year and a separate inventory made for it. The jade collections, displayed in the Asian Hall, have been re-arranged. The large and fine collection on loan from Mr Leo Tattersfield is now exhibited in one display case, including a number of pieces previously held in reserve.

Mr Dick Scott spent some time early in the year assisting with the cataloguing of the collection relating to the development of the wine industry in New Zealand, which he so kindly donated to the Museum. It is planned to display the collection in the Botany Hall. Dr Annabel of the Music Department of the University of Auckland spent time compiling a register of old musical instruments in Auckland, with an emphasis on those owned by the Museum. Three square pianos, which have been in storage for many years, were moved to an accessible area to assist Dr Annabel with her work. It is hoped to prepare one or more of these pianos for display and possible use.

There have been numerous loans of pottery throughout the year to illustrate lectures and to be photographed for publications. Objects of everyday use in the colonial period of New Zealand's history have been lent to the Education Service for use by student teachers and visiting school parties, as well as a number of pieces for special displays throughout the Museum.

I was the guest speaker at the Annual General Meetings of the Waiheke Island Historical Society, the Franklin Historical Society and the Papakura Historical Society. I also addressed the Auckland branch of the Founders Society. At the invitation of the Whangarei City Archivist and Librarian, I inspected the City's museum collection, which is currently in storage, to assess its contents and give advice on its condition and future care.

Additions to the Applied Arts collections include Caucasian and Turkestan antique rugs; a collection of regalia relating to the Rechabite Order; a very fine Chinese ivory fan, presented by Mrs Dart; a Berlin, painted porcelain plaque, c.1855, from the estate of Mrs D.C.G. Cooke; a collection of colonial kitchen equipment and dressmaking materials from Mrs C.A. Ward; a silver basket, pieces of early 20th century glass and a gold ring, bequeathed by Mrs V.R. Shalders; a walking stick associated with J.B. Parnell, presented by Mr J.B. Speed; pottery by Jill Totty, Doris Dutch, Patrick Shia Crabb, Jean Hastedt, Glynn Hugo, Pamela James Martin, Nancy Monsterbroten, Julia van Helden, Cecilia Parkinson, Robin Paul, Ben Richardson, Marilyn Wiseman, Bernard Leach, Chester Nealie, Peter Stitchbury, Anneke Borren, Campbell Hegan, John Parker, Patti Meads, Margaret Higgs, Bronwyn Cornish, Rosemary Brittain and Len Castle; and glassware by Roger Pemberton, Garry Nash, Mel Simpson, John Abbott, Jo Shroff and John Croucher. A tapestry by Marilyn Menzies was purchased, along with a rya rug by Adele Gatt, a piece of lace by Anne Culter and a silk braid by Iris Hughes-Sparrow. Mr S.A. Flyger of Devonport presented an early 'Star' brand vacuum cleaner, and Dr and Mrs J.D. Atkinson a man's embroidered waistcoat.

B.D. MUIR

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E. Earle Vaile Archaeologist

Archaeological fieldwork during the year was restricted to a few short periods away from Auckland. In April I spent a week on Kapiti Island with an Offshore Islands Research Group team. A focus was provided by the remains of shore whaling stations for the period 1830-1850; a paper on the work is now ready for publication. In August I spent a week in Taranaki and Wanganui, working on Museum collections and in the field. In the first week of January, I again joined an Offshore Islands Research Group trip to northern Great Barrier Island. With Nancy Tayles of Auckland I recorded more than 60 archaeological sites in a previously unrecorded area. In addition to these longer field trips, numerous day trips have been spent in Auckland, Franklin County and northern Waikato districts, as sites or finds are reported to the Museum, or to visit excavations or other archaeological work.

The major publication of the year was 'The First Thousand Years: regional perspectives in New Zealand archaeology', of which I was the editor. This book was aimed at the interested public and not just the professional archaeologist. It consists of ten essays on the archaeology of different regions in New Zealand, two of which are by former E. Earle Vaile Archaeologist Janet Davidson (Northland and Auckland), and one of which was by the Museum's Honorary Archaeologist, Lady Aileen Fox (Hawke's Bay). Other publications included an article on 'Maori Fortifications of the Tataraimaka District, Taranaki' in the Museum's *Records*, and 'An Archaeologist's Guide to the Maori Dwelling' in the *New Zealand Journal of Archaeology*.

During the year I continued as New Zealand Archaeological Association nominee on the Board of the New Zealand Historic Places Trust. As such, I was also Chairman of the Trust's Archaeology Committee. Work for the Trust necessitated numerous trips to Wellington. I continued as Editor of the *New Zealand Archaeological Association Newsletter* and sat on the Association's Council. Prior to the Association's Annual Conference in New Plymouth over Queen's Birthday weekend, I assisted with an archaeological field school. During the Conference itself I gave a public lecture on the subject of Taranaki Archaeology. In February I attended the XV Pacific Science Congress in Dunedin.

As planning and preliminary work for the proposed Maori Court redevelopment proceeded, an increasing amount of my time was taken up with this project. Throughout the year much use was made of the Archaeology Department by students and staff of Otago and Auckland University Anthropology Departments, staff from other museums, professional people and the public. Numerous enquiries came to the Museum, especially during school holidays.

I am grateful to Joan Lawrence and Kathy Prickett for voluntary assistance in the department during the year. I would also like to record my thanks to Lady Aileen Fox, formerly Acting E. Earle Vaile Archaeologist and, for the past four years, Honorary Archaeologist, who will be returning to England in June 1983. It has been a pleasure and a privilege to work with her.

During the year Lady Fox has published a report on Maioro (Waiuku) excavations in the Museum *Records*, and a review of Hawke's Bay archaeology (in 'The First Thousand Years'), as well as briefer items in the *New Zealand*

Archaeological Association Newsletter. She is currently working on a report on Aotea (Waikato) excavations for the *Records* and, along with Anne Salmond, Peter Morgan and Janet Leatherby, on the archaeology and history of Okuratope, an historical pa near Waimate North in the inland Bay of Islands district. Lady Fox's major study of Maori bone chests, which is to be published in the *Museum Bulletin* series, was completed and sent to the printer.

N.J. PRICKETT

Botanist

Conducted tours of the Herbarium have been given to eight groups and numerous individuals. I led several day or weekend outings by amateur groups, including the Auckland Botanical Society and the Auckland Natural History Society, and for the second year in succession, I judged the Natural History section of the Waitemata Agricultural and Pastoral Show at Puhoi. The usual wide range of public enquiries on botanical and geological matters have been attended to. Once again, several graduates of the University of Auckland completed work in the Herbarium towards their higher degrees.

Through the Offshore Islands Research Group and the Auckland University Field Club, I have been able to carry out research and add to the Museum's collections on trips to Kapiti Island, Stephenson Island, the Three Kings Islands and northern Great Barrier Island over the past year. The Three Kings trip deserves special mention as this Museum has played such a large part in pioneering research on the islands. The status of the 13 endemic plants was assessed for the first time in 20 years. All the endemic species were found to be present in equal or greater numbers than earlier records indicate, and several species, which have been considered endangered, were found to have spread in the wild to form more stable populations. A lucky landing on tiny West Island allowed the first photographs of *Elingamita johnsonii* to be taken in the wild.

As a contribution to the University of Auckland's Centenary Celebrations, I completed manuscripts on the life of A.P.W. Thomas, foundation professor of Biology and Geology, and the history of the University Field Club.

During April and May I had the experience of meeting almost all New Zealand's professional botanists and viewing the bulk of the herbaria in the country. A major aim, that of fostering co-operation between botanical institutions, was achieved through the organisation of a meeting of New Zealand's herbarium curators. Representatives of 11 of the 12 major herbaria met for a day in Wellington in September, discussing a wide range of matters and solving some problems for all present. I subsequently prepared a detailed report of this meeting and am now editing a comprehensive account of the Herbarium resources in New Zealand, following the curator's meeting. I attended the Systematics Association Conference in Wellington. In February I travelled to Dunedin for the Pacific Science Congress and research in the Otago University Herbarium.

I retired from the Council of the University of Auckland at the end of June, although remaining as Chairman of the University's Recreation Committee and a member of the Centenary Organising Committee. I chaired the Auckland University Field Club 60th Anniversary Reunion Organising Committee and am

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now President of the Offshore Islands Research Group and a committee member of the Auckland Botanical Society. Numerous meetings of the Government House Gardens Advisory Committee and the Regional Botanic Gardens Technical Advisory Committee have been attended. At the request of Council, I presented the Museum's submission on the Wildlife Amendment Bill to the Lands and Agriculture Select Committee at Parliament in Wellington.

A number of members of the Botany Division, DSIR, staff from Christchurch worked in the Herbarium on forthcoming volumes of the *Flora of New Zealand*. The new director of Botany Division, Dr Warwick Harris, was welcomed to the Museum. Overseas visitors who were hosted during their stays in Auckland included Dr Marie-Helene Sachet (Smithsonian Institution), Dr Gillian Cooper-Driver (University of Boston) and Dr Masahiro Kato (University of Tokyo). Curators of a number of other New Zealand herbaria also visited the Museum Herbarium.

Accessions and exchanges are well down on last year. Numbered herbarium sheets increased by 2161 (5044 in 1981-82). Eight hundred and sixteen specimens from eight herbaria (2291 from 10 to 1981-82) were received in exchange for 120 specimens sent out to two herbaria (1366 to 12 in 1981-82). Eleven outward loans to seven herbaria were despatched (16 to six in 1981-82) and nine inward loans received from five herbaria (eight from five in 1981-82). Gifts of specimens have been received from many individuals and institutions. Most notable amongst these are those from Mr E.K. Cameron, Mr A.E. Esler, Dr R.O. Gardner, Dr and Mrs B.W. Hayward, Mr B.J. Mackinder, Mr R.P. Scofield and Mr G. Straka, who all collect regularly for the Museum's Herbarium. The Auckland Botanical Society presented a commemorative water-colour painting in memory of Phyllis Hynes, Associate Botanist at the Museum between 1957 and 1978. During this period, and her earlier voluntary work for the Museum, Mrs Hynes collected and processed many thousands of specimens for the Herbarium, rivalling in number and geographical and taxonomic distribution the collections of the Herbarium founder, T.F. Cheeseman.

Mr E.B. Bangerter, Associate Botanist, has continued to devote one day each week to the curation of the adventive section of the Herbarium. His weekly duplicate plant collections also provide regular supply of exchange specimens. Miss J.H. Goulding, Honorary Research Associate in Botany, has completed her book on the Flower Paintings of Fanny Osborne. Miss Dawn Hendry has provided experienced assistance in the Herbarium under the Project Employment Programme. Once again, I record my grateful thanks to Dr Colina, Mrs Dow, Mrs Smith and Mrs Wright for their time voluntarily given to the day by day labelling, mounting and incorporation of specimens. The large collection of Queensland plants made by Dr Orchard in 1975 has finally been named thanks to staff at the Brisbane Herbarium. However, the large number of duplicates for exchange still await despatch.

Despite the voluntary assistance received, the work programme of the department cannot be adequately covered by one permanent staff member. The work programme evolved over the many years when the Botany Department was serviced by two fulltime staff. The significant reductions in the 1982-83 statistics given above are an indication of the difficulties being encountered.

A.E. WRIGHT

Conservator

With financial assistance from the Interim Committee for the Conservation of Cultural Property, the Conservation Laboratory has been refurbished and outfitted with equipment and materials.

Work over the past 12 months has been directed mainly towards conservation of ethnographic artefacts and, to a lesser degree, with aspects of the military collections. The major work completed has been the restoration of the Pukeroa Gateway, where polychrome colours had, for the past 90 years, been obscured by red paint. Work on the gateway is part of the large conservation project under way for artefacts which have been included in 'Te Maori', the exhibition scheduled to go to the United States in 1984. Conservation on the military collection has included the 1917 von Luckner escape artefacts, particularly the two German Imperial Navy ensigns painted on bed linen, as well as World War II material from New Zealand Army campaigns in the northern Solomon Islands.

Concurrent with hands-on conservation work, a processing, documentation and photographic system, modelled on the procedure used at the Canadian Conservation Institute, has been established in the department. Complete records of analyses and treatments are now kept of any objects which are brought into the laboratory.

Conservation has not been limited to the Museum collections. Work has been completed on objects from Te Awamutu, Tauranga, Whakatane, Hamilton, Dargaville and Whangarei museums, as well as for smaller institutions at Waitangi and Kaiwaka.

A talk on ceramic conservation and restoration was presented to the AG-MANZ Diploma Course during their two-day seminar on ceramics.

G. BARTON

Curator of Display

Duties in the department this year can be broadly divided into three areas: maintenance to existing Museum galleries and services, special exhibitions, and the Maori Court redevelopment. Of the first, the most substantial project was the upgrading of the Pacific Canoe Hall, made possible by the Labour Department's Artwork scheme. Co-ordinated by Display Artist, Gillian Chaplin, the team of Lance Black, Julian Hansen and Deborah Savage, produced two large colourful murals for the east and south walls of the hall. In addition to repositioning the canoes themselves, selected examples of Tapa cloth from the collections were installed on the two remaining walls. Other progress in the permanent galleries included the final completion of the bridge section and upgrading of displays in the Maritime Hall, and the redisplay in the Pacific Hall of one of the Museum's treasures, the Hawaiian feather cloak. A larger, improved case and display stand were provided for this in accordance with conservation requirements. This procedure is seen as being applicable to the cloak displays in the Maori Court redevelopment. A significant addition to the main foyer has been the Pukeroa Gateway figure, returned by the Conservation Department to its original colour scheme, and now drawing attention to the Maori display project.

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Assistant Conservator Gerry Barton removing recent paint to reveal details on a Ngati Awa carving.



A view of the Special Exhibition "Animals A - Z".

The generation and maintenance of Extension Service panels continues to be a regular departmental activity, as does responsibility for a considerable proportion of Museum printing requirements. In this respect, the quarterly issues of the *Auckland War Memorial Museum News* are the most significant.

The Special Exhibitions programme has been particularly varied and busy; 15 exhibitions were shown in the year. In addition to such regular fixtures as Mathex and the School Science Exhibition, three photographic displays and two weaving collections were shown. 'Craft for Architectural Spaces', 'Arts of Indonesia' and 'Meet Your Neighbours' ensured a varied repertoire of craft and ethnographic material, while the attractively-presented 'Studio Glass '83' was a new and popular venture for the Museum. However, the Museum's own presentation 'Animals A-Z' attracted 210,000 visitors during the period of its exhibition. This large alphabetical collection of images and specimens drawn from the Museum's storage left no doubt as to the public interest in this attractive material not normally on display. A multi-coloured poster screen-printed in the department found a ready market. In future years we plan to entertain the Christmas holiday crowds with similar ventures.

A display duty of a slightly different nature was an overseas study tour undertaken by myself from April to early July 1982. The Council and Director are thanked for the opportunity for this extensive tour of the United States, Mexico and Europe. It is hoped that this concentrated experience will be converted into benefits for Auckland Museum. While aspects of presentation and display were observed, particular attention was paid to situations relevant to our own. In this respect, the recently completed Egyptian Sculpture Court at the British Museum, the Museum of Mankind's ethnographic environments, the Rockefeller Wing of Primitive Art at the Metropolitan Museum of Art, New York, and the 'Maritime Peoples of the North-west Coast' installation at the Field Museum, Chicago, were especially valuable. In all cases, the budgets and resources far exceed our own, but the basic principles employed are universal.

The most effective of the recent ethnographic installations were of a simple and unencumbered style that enhanced the display material, a situation particularly applicable to our largely natural-coloured Maori artefacts. In addition, major overseas museums presented a much more colourful and aggressive public front in the form of guidebooks and associated literature and, a particularly attractive feature, massive banners advertising current exhibitions. Awareness of overseas approaches provided confidence for Auckland Museum's largest display undertaking of recent years — the Maori Court redevelopment.

The Display Department's first contribution to the Maori Court project was the establishment of a style of presentation for the proposed display cases and fittings, and a consideration of the treatment of the architecture. The decision had been made to divide the court into three areas: tribal variations (eastern gallery), large objects (central) and Maori 'lifeways' (western gallery). Thus, more detailed planning could proceed. At the end of the year, large scale models of specific areas were being manufactured by Display Artist, Peter Gossage. Whereas the original 1929 installation presented the Maori material in isolated groups of cases, the planned displays will ensure that a much more coherent overview of Maori culture will be arrived at.

R.J. WOLFE

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Education Officer

Attendances have increased by five percent over last year. This is 19 percent higher than the 1979 attendance. These attendances are pleasing in the light of falling rolls and increasing transport costs. It is notable that the attendances in the Earth Science area, especially by Intermediate pupils, have increased by eight percent this year, and 84 percent since 1980. Increasing interest is being shown in the Form 7 Biology topic, Evolution of Man, and new visual aids have been created to support this.

A very wide range of topics have been taught throughout the year. A selection has been: Chinese Civilisations; Military History of World Wars I and II; Prehistory and Geology of Motutapu; Life in Auckland, 1860; Maori and Pacific Studies; Voyaging Canoes in the Pacific; Fossils; Whaling; Bones and Skeletons; Egypt; North American Indians and many more.

Although the numbers of Teachers College students using the Museum on-section or for specialised lectures and investigation of Museum resources is low, the Education Service considers that the Museum has great potential in the field of teacher-training. The service has set up the facilities to cope with up to 12 student teachers on-section. To this end, the student room has been redecorated and furniture upgraded, teaching trolleys built and teaching programmes and resources prepared.

Lectures have been given to a wide range of groups, including Teachers College students (Primary and Secondary), Technical Institute students, overseas teachers from Singapore, Foundation for the Blind and art students, on many subjects. Several teacher in-service groups attended sessions investigating Museum resources that are available for teaching and it is felt that these were successful in enlightening teachers to the possibilities of using the Museum.

With the growing awareness of museums as places for education, many small museums are setting up education facilities, with or without education staff. The Education Officers have helped the staff of many museums by visiting them, giving advice and devising educational programmes. These include Howick, Papakura, Waitomo, Whakatane, Putaruru and Te Awamutu museums.

The intention indicated last year of sending individual planning to every teacher visiting the Museum has been very successful. Each group intending a visit to the Museum, either on an Education Officer conducted tour or a self-conducted tour, has been sent an introductory letter 'Guidelines to your Museum Visit', including any relevant plans or information sheets necessary to ensure a satisfactory visit. It has been noted that teachers and children entering the Museum are far better prepared than formerly.

We have been fortunate to have had the services of two Project Employment Programme assistants, Naomi McNeill and Kathryn Rountree, to prepare notes and programmes for teachers. They have produced excellent units covering Maori Prehistory, the Pacific, Colonial Studies and Maori Meeting Houses and Marae. Their help has been invaluable and appreciated.

Since the Maori section of the Museum attracts 45 percent of all visits, several schemes have been devised to cope with the large numbers. One is a set of problem-solving questions, suitable for making cards for group study. The

second scheme consists of a set of Maori Court guide folders. These guide parent-supervised groups in an ordered system around the Maori Court and give some activities for the pupils. Other information sheets produced this year were: Geology Hall, Pacific Hall, Pacific Artefacts, Maori Fishing, Metamorphic Rock and Geological Time Scale. Pam Hook of the Metropolitan College was seconded for a week and produced an excellent unit designed for Form 7 Biology — 'Adaptive Radiation in Molluscs'. Slides, transparencies and other material produced for instruction in the Museum included the Waitakere Volcanoes, Auckland Geology, Evolution of Man, Earthquakes and Volcanoes, and the History and Function of the Museum.

New storage systems were completed and include two large 25-drawer units, four teaching trolleys, a portable blackboard/storage unit, a geology teaching display and a projection unit. The University of Auckland has lent the Education Service 17 Nikken stereoscope microscopes suitable for student use. It is hoped that classes will use these in the classroom to study the collections.

The Maori teaching collections have been increased this year by the addition of many artefacts relating to Maori-Pakeha contact, as well as many other Maori items from the Ethnology Department. A large number of geology specimens were collected in the South Island for child-handling. The collections are now stored in a manner to allow Teachers College students easy and safe access.

The loan service has operated efficiently under the direction of John McCaw and several new display cases have been constructed, showing a Victorian House Kitchen, a Gumdiggers Hut and an Immigrant Ship.

The Education Officers attended a one-week course at Lopdell House in August. The conference, concerned with the future of education in museums, art galleries and other associated bodies, went some way in determining the direction of these services.

Summary of attendances for one-hour visits: Primary 29,761; Intermediate 13,611; Post Primary 7,648; Total 51,020.

Planetarium: Primary 2,071; Intermediate 2,086; Post Primary 2,666; Total 6,823.

Student teachers on-section: Auckland Teachers College, 9.

Visiting students for lectures, Museum resources: Auckland Teachers College, 82; Secondary Teachers College, 26; Loreto Hall Teachers College, 20.

Teachers attending in-service courses: Primary, 55; Post Primary 40.

Exchange of Museum loan cases: City schools, 693; Provincial schools, 1,216.

The Museum and the Education Service would like to extend thanks to the Education Board for its efficient administration of our services to schools, and to the Education Department for its professional advice and support.

J.S. ENSOR

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Entomologist

This has been an active year, particularly with the use of the research vehicle in fieldwork and with three extra assistants in the department.

Mrs Jenny Gurr has continued her usual curatorial duties which are the backbone of the maintenance, improvement and enlargement of collections in the department. During the year her work included the curation of an interesting collection of insects taken in pitfall traps in the Wairarapa by C.L. Wilton and presented by him. The resulting preserved specimens were sorted into more than 1,000 lots and labelled.

Peter Quin completed his work period under the Project Employment Programme in July. He drew many insects, his illustrations being useful for comparison and determination of specimens and for future publications. Jeffrey Spiro continued under the Project Employment Programme until August. He assisted with fieldwork and the resulting extraction from samples, preservation and sorting of collected small invertebrates. Rosemary Gilbert worked in the department under the same scheme from July to December. She sorted and listed several particular collections and also assisted with fieldwork.

A field trip to the Coromandel Peninsula in April was followed by a three-day trip around the Kaimai Ranges later the same month. Jeffrey Spiro attended the Annual Conference of the Entomology Society of New Zealand at Lake Okataina on my behalf during a field trip in May.

Other extended visits were to Northland in June, Coromandel Peninsula in July, Northland in October, south of Opotiki in November, Whangarei Heads in December, Little Barrier Island in January, Northland in February and again in February-March. One-day collecting trips were also made: Huia in April, east side of Hunua Range in August, west side of Hunua Range in October, Huia and also Albany in November.

On the October field trip to the far north I was able to include Rosemary Gilbert and two other entomological research workers, Clare Butcher of Entomology Division, DSIR, and Pam Dale (working on a research thesis). Despite bad weather, good collecting was done near Cape Reinga and on the Mt Camel peninsula, east of Houhora Harbour. The mid-January trip to Little Barrier Island was made under the auspices of the Wildlife Service and the Hauraki Gulf Maritime Park Board, with a group led by C.R. Veitch (Wildlife). During the five days there I had some interesting collecting. A four-day field trip in February was made with W. Carlin of Lands and Survey Department to investigate insect fauna in the Kaitaia area.

In August I visited the National Museum in Wellington to examine *Collem-bola* (springtails). Later that month, Ms Penelope Greenslade of the South Australian Museum, Adelaide, made a 24-hour stopover in Auckland and we examined some specimens together in order to further our joint research on the Macquarie Island *Collem-bola*. Other research on *Collem-bola* is also continuing.

Long-term studies on aquatic insects and lacewings are still in process and two new species of caddis flies (Trichoptera) were described in a paper published in the *Museum Records*. As one of a series of University of Auckland extension lectures on Antarctica, I gave a talk on 'Entomology in Antarctica'.

Because of a continuing interest in Monarch butterflies and requests each year concerning foodplants, I am now collecting information and photographs on the foodplants of the Monarch caterpillars.

Bulletin No.12, being a 'Catalogue of Maori Artefacts ...' by D.R. Simmons, was published in July and the *Records* Vol.19 in December.

K.A.J. WISE

Extension Officer

Our 82 travelling exhibitions, which circulate around the provincial area, are still in demand. Gillian Chaplin has finished the extensive renovation of two of these displays, 'Duck Food' and 'Colour from New Zealand Plants', and many minor repairs have been carried out by Peter Gossage and myself. Although no new displays have been made during the year, re-arrangements of the existing panels has enabled me to open new display sites at Fraser High School, Hamilton, Fairfield High School, Hamilton, Huntly High School and Kawakawa Public Library. There are still seven organisations waiting to join the scheme as soon as new displays are made.

Part of the Extension Officer's duties is to attend to the Auditorium bookings for both outside organisations and Museum functions, and to see that the users get into the building at the times they want, without breaking Museum security arrangements. This is a considerable task as there were about 170 bookings during the year, of which 50 were Museum-related. Requirements for the bookings vary considerably, some being straightforward, while others need much organisation and equipment.

Publication sales continue at a high level and seem to have been little affected by the general economic situation. The task of invoicing and despatching some 5,000 books has been ably carried out by our Receptionist, Mrs Maureen Taylor, in spite of the many interruptions and calls on her time.

Planetarium attendances continue to be high. The operator, Gary Freeth, held 942 sessions, of which 196 were for school and special classes, including Scout and Pathfinder groups. These dealt mainly with star recognition and direction finding. There were also a number of advanced sessions on stellar evolution and planetary physics, given to classes from the Auckland Teachers College.

J.H. WADHAM

Liaison Officer

The position of Liaison Officer has continued to be subsidised by a grant from the New Zealand Lottery Board. Now into its second year, the service is developing in a number of directions to meet the needs and requests for assistance from the 106 museums in the Liaison Service region. This year I have continued to establish and maintain regular contact with museum groups, encouraged the need for high standards in all areas of museum work and provided services and programmes to meet these needs and interests, while developing a network of resource people and information to assist with answering the wide range of requests that have arisen.

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Visits have been made to museums throughout the region. These visits continue to be an important source of contact and have offered the opportunities to discuss issues on the spot with museum personnel and talk to small gatherings at their museums. Length of visits have varied depending on the concerns raised; in some instances several days have been spent working with and training staff in particular areas.

Many aspects of museum work have arisen. I have written several reports on planning and management guidelines for establishing museum organisations. Museum building design, covering space allocations, display and storage environments, have been of concern to societies remodelling and planning buildings for a museum purpose. For groups beginning to collect and those with established collections, formulating collection policies and planning thematic approaches to acquisition and displays have been of interest. Collection care, including preventative conservation methods, stabilisation of artefacts and the role of conservators have been discussed, while introductory training courses have been offered. The need for documentation and recording in museum work has been stressed. Display and storage techniques, museum and collection security, education programmes for various levels and employment schemes were given coverage. Loans of artefacts from this Museum were of interest to some groups.

Museletter has been introduced and is distributed free to museums in the Liaison Service area. The newsletter provides a means of contact between museums, communicating news and activities happening in the region and nationally, as well as listing sources for archival supplies, recent useful publications and other relevant information. A range of training sessions has been organised for individuals, small in-house groups and regional workshops. Small group and individualised sessions have been arranged at Auckland Museum for visiting museum people wanting background information and practical orientations to tasks they are undertaking in their museums. Specific in-house programmes have been organised for societies requesting this kind of assistance in their own museum. Auckland Museum staff have assisted with this by providing training and guidance to these groups. Education courses have considered the management of school groups, current teaching techniques, discussion of Department of Education syllabi, and ways in which museum collections can be used in educational activities.

Sessions instructing volunteers in museum registration procedures have also been undertaken. Regional workshops on paper conservation were arranged in Hamilton and Auckland. These workshops introduced museum personnel to preventative conservation issues, and the application of these to their institutions. These workshops were also available as part of the AGMANZ Diploma course.

As Liaison Officer I have attended five seminars, including AGMANZ workshops in photography, ceramics and registration. The registration seminar held in Wellington was led by Mr Geoffrey Lewis, Director of Museum Studies at the University of Leicester and Vice-President of the International Council of Museums, and was attended by museum registrars and others involved in this field throughout New Zealand. I presented a paper on aspects of registration in small museums in the Liaison Service area.

In August I attended an in-service course at Lopdell House, organised by officers from the Department of Education. The course considered the 'Use of Museums, Art Galleries, Zoos and Botanical Gardens as Educational Resources'. It was of particular value in furthering contacts in this field and learning of future directional and planned objectives with regard to museums. Waikato Art Museum held a regional seminar on 'Interpretation' which I attended. Guest speakers from the Department of Lands and Survey, Interpretation Unit, offered some particularly valuable suggestions on signs and labelling for open-air museums.

Data collection is under-way for a small Liaison Service area museums directory. Information includes types of collections held, organisational structure, facilities, publications, programmes and services offered. In developing the museum's advisory service, it has been important to develop a network of resource people and information to call on for assistance. In this respect I have had considerable help from staff at Auckland Museum, and individuals working in other museums and related institutions, within the region and further afield, as well as being able to draw on the Auckland Museum Library collections to research particular areas of museum work.

There has been a significant increase in requests for assistance from museum groups now that the Liaison Service is becoming known. Contact with museum groups is contributing to a growing awareness of the need to achieve high standards in all areas of museum work, although there is still much to be developed in this field. To ensure that the Liaison Service develops effectively it is important to offer a variety of services that cater for the range of needs and interests of the various museum groups in the region.

S.L. REYNOLDS

Librarian

In my previous report I referred to the difficulties faced by staff in coping with the greatly increased use of our Library. During the year these problems became acute and both the backlog of unrecorded items and the strain upon Library staff became more evident. To meet this situation the Library was closed completely between November 8 to 22 and, thereafter, new weekday opening hours of 1.00 — 5.00 pm were introduced. So far, the changes have proved beneficial, but it is also obvious that an increase in staff levels is essential if present standards of service are to be permanently maintained. Library users have adapted well to the new opening hours, although some inconvenience will be experienced.

Despite the changes mentioned, other aspects of the Library's operations were very pleasing. Contributions from Institute members were again appreciated and several noteworthy acquisitions were made possible through the Members' Library Purposes Fund appeal. A further purchase of special archival Solander boxes will be used to house the print collection and the large number of war posters. A half-plate photographic enlarger was purchased to facilitate future copying of the collection of many thousand glass negatives. The fund also assisted with the buying of a new microfilm reader, which is now in use.

In addition to monetary donations, there were many new accessions. From

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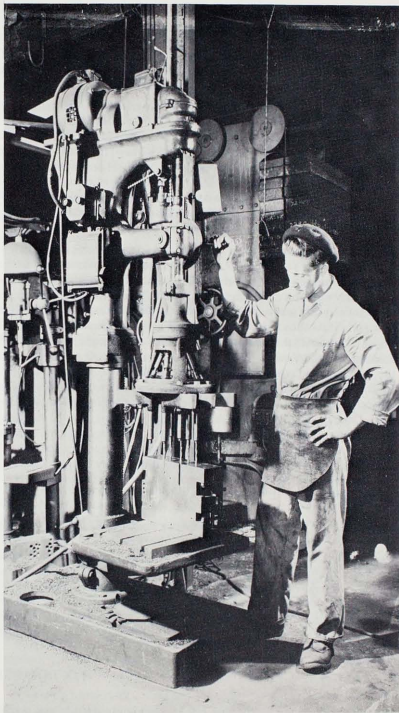
the estate of Mr Arnold Baldwin came a large collection of maps, books, periodicals and ephemera, reflecting his interest in such subjects as yachting, navigation and typography. Mrs N. Hodges presented her late husband's copy of the 1611 Breeches or Geneva Bible. Copies of *New Zealand Truth* 1904-1931 were deposited by the publications. Mr R.B. Sibson donated several ornithological works among which was the first of a multi-volume series, *Birds of Africa*.

The manuscript collection was in constant demand for research purposes. Detailed recording of over 200 new accessions proved impossible, although, during the closed period in November, 50 groups of papers were fully catalogued. Larger donations received included records of the Colonial Ammunition Company and the papers of a long-time supporter of the Museum and the Library, the late Mr H.D.B. Dansey. Mrs Olive Bracey presented farm diaries, kept by her father, Mr Norman Brocas at Opotiki and in the Hokianga district between 1894 and 1931. Mr Jack Churchouse, Curator of the Wellington Harbour Board Maritime Museum, gave a copy of the Comber Index, listing all ships coming from the United Kingdom to New Zealand between 1839 and 1889. Mr Jeffrey Sissons, under the Project Employment Programme, compiled a tribal guide which identified major groups of Maori material in the manuscript collection.

The heavy use of the photograph collection was mentioned in my last report and this increased markedly during the past year. Many significant donations were received and much important material made available for copying. A collection of negatives was donated by Commercial Photographers. These negatives, taken by Sparrow Industrial Photography, date from the early 1940s and form a unique record of interior and exterior views of premises in the Auckland inner city area. Mr Ron Brownson presented a collection of negatives taken by the late Professor W.R. McGregor, showing the Waipoua Kauri Forest and supplementing a similar group purchased last year. Several persons kindly lent photographs for copying, although there is space to mention only two: Mr N. Judd lent items recording Campbell Island history and Mr F. Stunzer lent his album of 1917 Motiue Island photographs, which includes portraits of Count Felix von Luckner. Much of Assistant Librarian Gordon Maitland's time is spent in servicing orders for photographic copies and there is little opportunity for accessioning and cataloguing. Welcome assistance was, however, received from Peter Peryer, employed for six months under the Artwork scheme. Peter compiled index entries for all the major photographic albums, thus making available a most valuable resource which was formerly untapped.

Close co-operation with members of the New Zealand Society of Genealogists continues and I am grateful to the Society's 1981 Seminar Committee, which donated the bulk of funds needed to purchase the new microfilm reader. This is a marked improvement over our old machine. Many thousands of cards have now been filed into the Auckland Death Notices collection and, again, my thanks go to those genealogists who are giving their time so willingly for this project. I should also like to thank Auckland Public Library for making three additional catalogue cabinets available at reduced cost, and Mr A. Philson for renovating these.

The Armed Services collection, which is an important resource much used by



A 1951 view inside Tanner Engineering Ltd., Penrose, by Sparrow Industrial Photography. Museum Library Collection.

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media researchers, continues to attract donations. One significant donation was the diaries of the Dolling-Smith family, 1857-1886. Lt-Col W.H. Smith's diaries are supplemented by his campaign medals, a colour portrait and photographs. One of several accessions of New Zealand interest were the papers of the late Lt L.J. Armstrong, DCM, who served with the First Machine-Gun Squadron, New Zealand Mounted Rifles Brigade, 1 NZEF.

Diane Calder, our Library Assistant, is to be congratulated. After completing two and a half years study, she was awarded the New Zealand Library Studies Certificate. While Diane was in Wellington for the final part of her studies, we were again fortunate to have the services of Mrs Mary Fitzgibbon. Two other temporary assistants were Ms Julie Benjamin, who was employed under the Artwork scheme to index all the major sketchbooks of the artist Charles Heaphy, and Mr Adrian Beasley who, under the Project Employment Programme, completed the cataloguing of all the Library's books held in the Botany Department.

In April I gave an outline of our genealogical holdings to members of the New Zealand Society of Genealogists' North Shore group. This was an enthusiastic meeting at which co-operation between librarians and genealogists was discussed. In July members of the same groups paid a return visit and were shown items not normally accessible to the public. In the same month the Centre for Continuing Education held a seminar 'Talking about Heraldry and Related Topics'. I addressed the seminar on the subject of our book-plate collection and holdings of heraldry books. To assist seminar participants, five bibliographical lists were prepared covering book-plate and heraldic literature in the Library. Gordon Maitland addressed a meeting of the School Libraries' Association on 'Resources of Interest to Teachers and School Librarians in the Museum Library'. Other groups visiting the Library included librarians from the Auckland Public Library, Church of the Latter Day Saints' Libraries and staff and students from the Auckland Teachers College and Centre for Continuing Education. I also spoke to members of the Lyceum Club on their Library Open Day and Mrs Rie Fletcher talked to the Howick group of the New Zealand Society of Genealogists.

Each year, we are indebted to our voluntary assistants and this past year was no exception. Mr S.G. Brooker, Mrs M. Calder, Rev Dr A.B. Catley, Mrs N. Easdale, Miss O.G. Poole and Mrs P. Sayes, performed many duties which eased the pressure on Library staff and their continued presence is a great pleasure. Several other members have given valued support, especially Mr J.A.S. Burns, Mr B. Hooker, Mrs V.E. Mossong and Mr J.P. Webster. Finally, I must also record my appreciation of the efforts of the Women's Archives Committee and, in particular, my thanks to Mrs M. Nash for her co-operation and hard work.

I.G. THWAITES

Malacologist

The department has continued to provide services to the public with identifications, advice on collecting, cleaning and storing of specimens, scientific literature and other pertinent information. I take this opportunity to thank Dr A. W. B. Powell for his assistance with enquiries relating to New Zealand Molluscs.

Assistance with identifications, taxonomic and other problems was given to Dr A. Barash, Tel Aviv University; Dr C. Woodroffe, Geography Department, Auckland University; Ms P. Swadling, National Museum and Art Gallery, Port Moresby; Dr Y. Fujioka, Hiroshima University; Dr P. Bouchet, Museum National d'Histoire Naturelle, Paris; Dr W. Haass, Lihue, Hawaii; Dr G. Ramsay, Entomology Division, DSIR; Dr S. Johnson, Mid-Pacific Research Laboratory, Enewetak, Marshall Islands; Mr R. Forster, Anthropology Department, Auckland University and Dr A. Patel, Saurashtra University, India.

During the year we received on loan type-specimens from the Museum National d'Histoire Naturelle, Paris, and the National Museum of Natural History, Smithsonian Institution, Washington. A loan of ostracod type-specimens was made to Dr K. McKenzie, Riverina College of Advanced Education, Wagga Wagga, and Dr R. Bieler of the University of Hamburg borrowed types of Architectonicidae. A large loan of fossil Mollusca was made to Dr P. Maxwell, New Zealand Geological Survey, Lower Hutt, for research on the proposed publication of a handbook on New Zealand Cenozoic Mollusca.

We have received as a gift a paratype of *Bankia neztalia* Turner & McKoy, from Dr R. Turner, Museum of Comparative Zoology, Harvard University. Specimens of the minute but rare Moruroa Atoll *Sherbornia mirabilis* have been donated to the Los Angeles County Museum of Natural History and the National Museum of Natural History, Smithsonian Institution, Washington. Duplicate land snails have been forwarded to Dr J. C. Kolff, Utah Museum of Natural History, Salt Lake City, for their ecological exhibit.

Visitors to the department included Sir Henry Somerset, Council member of the National Museum of Victoria, who discussed the work of our Malacology section. Dr Lambert and a research assistant from the Zoology Department, Auckland University, studied our Paryphantidae collection for a project of a computer diagnostic character study of all species living in New Zealand. Dr J. Green, San Francisco, studied our collection of Pacific marine shells and Mr R. Nicol, Auckland University, examined our New Zealand molluscan collection for a comparison with material from archaeological middens. Mrs B. Harrison-Gagne, Bernice P. Bishop Museum, Honolulu, studied and photographed Paryphantidae. Mrs T. Bratcher, Los Angeles County Museum, spent 14 days working in the department in collaboration in joint authorship on a monograph of world-wide species of the family Terebridae. This monograph is expected to be published by Stanford University Press at the end of 1983.

In October I undertook a field trip to coastal areas near Matapouri, Little Munro Bay and Whangarei Heads. I was asked by the Portuguese to work on plans for the establishment of the 'Museo Malacologica de Troia' south of Lisbon in January. When completed, this will be only the world's second specialised malacological museum with full exhibit and research facilities. Dur-

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ing travel to and from Portugal, the opportunity was taken to work on the joint monograph of the family Terebridae in Los Angeles, the photography of 120 type-specimens at the British Museum (Natural History), London, and the Australian Museum, Sydney, in search of an undescribed species in their collection.

During the year I worked on molluscan collections from the Suwarow Islands, Northern Cook Group; macroscopic molluscs from Moruroa Atoll, French Polynesia; and molluscs from Reunion Island. I also studied type-specimens collected by the French missionary Hervier at Lifu, Loyalty Islands, at the request of the British Museum (Natural History).

A grant of \$10,000 was awarded by the Scientific Distribution Committee of the Lottery Control Board towards the publication of a monograph of the family Nassariidae in the Museum's *Bulletin* series. Work on this monograph is making good progress and it is hoped that the completed manuscript will be in the editor's hands shortly. Mr Alan Leatherby, a photographic technician working under the Project Employment Programme, made prints for the illustration of the *Bulletin*.

A new shell storage cabinet was purchased and Mrs N. Gardner kindly assisted in the re-arrangement of the collections. I appreciate the voluntary assistance received from Mrs I. Powell, who has been sorting and labelling the Munro collection, purchased last year.

The department has continued to provide quarters for the monthly meetings of the Auckland Institute and Museum Conchology section, who now meet every third Thursday of the month. A lecture on 'The History of Malacology' was given to this group.

W.O. CERNOHORSKY

Honorary Research Associate in Mollusca

Although it is now 16 years since my retirement from the position as Assistant Director of the Auckland Institute and Museum, I still have moderately good health and enjoy walking up to my room at the Museum, usually several times per week, not only to keep in touch but also for library references and the availability of the molluscan reference and research collections.

I continue to add to my 'Monograph of the Turrid Sub-family Clavinae', dealing with new taxa recorded since 1975, before submitting the manuscript for publication. Dr R. Tucker Abbott of Melbourne, Florida, who published three of the major sub-family Turrid sections in his serial work, 'Indo-Pacific Mollusca', has expressed interest in publishing my monograph.

A.W.B. POWELL

Marine Biologist

The processing, identification and interpretation of material gathered during Antarctic fieldwork in the summer of 1981-82 has been a major on-going project. From this area studies of two common gnathid isopods (sea-lice), ectoparasites of small bottom-living fishes, have yielded more data than origi-

nally contemplated and forms the basis of a manuscript for publication. Several illustrated public lectures on Antarctica were given, as well as participation in the University of Auckland continuing education series 'Antarctica, Scientific and Social Frontier'.

Through the co-operation of Sandfords Limited, specimens of fishes were received from exploratory deepwater fishing on the West Coast. As part of their identification, a collection of reference photographs were prepared. In addition, where duplicate material was available, some damaged specimens were dissected to obtain otoliths (ear stones), which are regarded as important characters in fish identification. Every opportunity is being taken to improve the range of our otolith collections.

A specimen of the rarely captured dealfish *Trachipterus* sp. was received through Fisheries Management Division, MAF, at Tauranga. This fish had been caught by trawlermen off Cape Runaway, a region which, because of its proximity to the deep-oceanic Kermadec Trench, is noteworthy for unusual mid-water species. The specimen has been tentatively identified as *T. jacksonensis* (Ramsay 1881), a lesser known trachipterid in our waters, but a lack of intact specimens makes certain identification particularly difficult.

Mr R. Page of Auckland University completed a survey and catalogue of New Zealand crab collections, a year-long, part-time project performed on a voluntary basis. Some outstanding and little-known material will be reported on by him.

A group of self-supporting displays, previously used in a travelling exhibition, have been incorporated into the Fish Hall. While their themes have an Auckland regional emphasis, they generally complement existing information of the older formal cases. In the Maritime Hall a four-panel case display relating to Whaling and Sealing in New Zealand approaches completion. Aspects covered include the biology, distribution and local migrations of seals and whales, as well as the changing pattern of exploitation. The New Bedford whale boat *Tainui* has been moved to a new position within the gallery to provide better links with the shipping and whaling displays.

A. B. STEPHENSON

Ornithologist

I took up the appointment as Ornithologist, with responsibility also for amphibians, reptiles and terrestrial mammals, on May 4 1982. Most of the year was devoted to reorganising the collections. The bird skins and mounts were already in good order, but cataloguing of the other groups had fallen behind and all wet specimens needed to be rebottled in modern airtight jars. I have now fully catalogued and properly housed the collection of New Zealand and foreign amphibians and reptiles. Sorting the foreign reptiles was particularly intriguing as many remained unregistered after 50-100 years in the Museum. I uncovered an interesting collection from the Solomon Islands made in 1932-33, and then specimens of *Brachylophus fasciatus*, the endangered Banded Iguana of Fiji. The collection of mammal skins, the spare mounts of endangered birds and all type-specimens have been segregated to special cabinets where they can be better protected. A new deep-freeze was installed in the department to increase

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capacity and convenience in the handling of birds received from the public. Some 70 birds were processed by taxidermists this year and added to the collection. The most notable additions were two stitchbirds received from the Wildlife Service.

Routine work has included answering numerous public enquiries, assisting some 20 researchers who came to examine specimens, giving opinions on the identity of animal parts recovered from foodstuffs and lending spare mounted birds. About 300 specimens were lent and returned — 60 percent for education (to illustrate talks and displays), 30 percent to artists and the remainder to commercial firms.

The American Ornithologists' Union is compiling an inventory of bird skeletons in the museums of the world and I supplied the information they sought from Auckland. In August, I went to Rotorua for the annual conference of the New Zealand Ecological Society and I have attended many meetings and field trips of the Auckland branches of the Ornithological and Herpetological Societies. In January, I spent five days on Little Barrier Island with a party organised by the Wildlife Service. Twice during the year, I gave evening lectures to natural history societies and I wrote descriptive notes to accompany bird paintings for the 1983 Rank Xerox calendar. I refereed several papers for editors of journals, and have written up the results of previous research work in Australia, completed new research on the migration of Shining Cuckoos and compiled a list of the type-specimens in my care.

It is a pleasure to thank Mrs P. Fooks and Mrs L. Duff for giving time as voluntary helpers in the department, and to record that Mr E.G. Turbott and Ms Gillian Chaplin completed the New Zealand Bird Hall by installing a display in the last empty case.

B.J. GILL

Curator of War Collections

Activities during the year have included the repair of the two relief maps of Nissan Island. Much of the modelling had been done in plaster of Paris and parts of it had fallen off. These were replaced by Gerry Barton and coloured to match the rest of the map. Mr Barton also undertook the mounting of the maps on the wall, where they can be seen to better advantage and are away from possible damage.

A display was set up below the maps showing Japanese equipment and mementos of the conflict in the Solomon Islands. With the assistance of members of the International Military Arms Society, Japanese weapons have been moved from the Western Gallery into the area beside the Zero. Picture rails have been set up so war paintings of the Pacific can be shown. This end of the gallery is now a compact display relating to New Zealand's participation in the Pacific theatre of war.

Pursuing the policy of having a succession of temporary displays, displays not intended to be on show for more than one year, I set up an exhibit on the Battle of the Coral Sea to coincide with its 40th anniversary. Count Felix von Luckner became the subject of another display initiated by the cleaning and

restoration of two flags by Gerry Barton. As more and more von Luckner-related material was taken from our reserve collections, and other items were offered on loan, we soon had sufficient for an interesting display. A television series, dealing with women from Singapore who were interned by the Japanese, prompted a show of souvenirs brought back to New Zealand by Miss L. Bridgman after three years in just such a camp. A fourth exhibit is of British Infantry Officers' swords from 1796 to the present day.

Routine work in the department has been to packet and index our collection of military hat badges and buttons, a start on cataloguing and recording our collection of Samurai swords, and maintenance of the arms collection. A number of uniforms have been added to the collection during the year, the most notable being: New Zealand Rifle Brigade, Lieutenant, World War I; Polish Signal Corps, Lieutenant, World War II; Royal New Zealand Artillery, WO1, 1977; New Zealand Infantry Volunteers, Lieutenant, 1900. Donors of these uniforms are acknowledged elsewhere in the report.

J.H. WADHAM

Astronomy Section

The Auckland Astronomical Society Inc held eleven monthly meetings in 1982. The Society was host to the 1982 Royal Astronomical Society of New Zealand Annual Conference, at which the chief guest speaker was Dr J. Hughes of the United States Naval Observatory and Chairman on the IAU Commission of Positional Astronomy. The Auckland Observatory was co-sponsor of the second New Zealand Conference on Photo-electric Photometry, which attracted participants from Australia and the United States of America. The main guest speaker was Dr Edward Nather of the University of Texas. Proceedings will be published by the Royal Astronomical Society of New Zealand.

Visitors evenings were held each Tuesday at the Observatory and group visits on Wednesday evenings. Visitors totalled approximately 4,500.

Research continued on Dwarf Novae, Cepheids and Mira variable stars, with three-colour UBV measures of light curves. A joint programme on C N Ori with Schoembs of the European Southern Observatory and several stations positioned around the world was conducted in December.

Observational papers related to Nova Carinae Austrinae 1981 and the 1981 Supernova in NGC 1316. A joint paper, summarising observations of EX Hydrae in 1980, appeared in *Astronomy and Astrophysics*.

During 1982, 13,000 visual observations of variable stars were made by members of the Society, together with several hundred occultation timings.

J. ST GEORGE

Conchology Section

This section has completed yet another successful and interesting year. Membership has settled at 230, with attendances at our monthly meetings down a little on the previous year. Overseas members number 20, representing seven different countries. Our publication *Poirieria* is mailed to many of the museums around the world.

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We were fortunate in having Professor J. Morton, Mr W.O. Cernohorsky, Dr Phil Millener, Ken Grange and Ian Briggs, along with some of our own number, to speak to us throughout the year. We have benefited by their willingness to share their knowledge and experiences with us, for which we are always grateful.

An Easter weekend away was held at Kiritehere, an area on the west coast, south of Raglan, with about 30 members participating. A brief but violent storm last July provided some excellent beach-collecting on the east coast from Bay of Plenty north.

Three new books which have recently been published by our members were 'Childrens' Guide to Collecting New Zealand Shells', Derek Lamb; 'Common Seashells', J.R. Penniket; and 'Landsnails of Tongariro National Park', Mrs P. Mayhill and illustrated by J. Goulstone. One part of *Poirieria* was achieved, in spite of the involvement of some of our members with other publications.

Our monthly meetings are now held on the third Tuesday of each month at 7.30 pm in the Museum Conchology Section.

Our present officers are: Patron, Dr A.W.B. Powell; Vice-Patrons, Professor J.E. Morton, Mr W.O. Cernohorsky; President, Mr Doug Snook; Vice-Presidents, Mr D. Lamb, Mrs M. Morley; Secretaries, Mrs P. Town, Mrs E. Grange; Treasurer, Mr S. Town.

D. SNOOK

Maritime Section

I have pleasure in reporting that our 24th year has been a successful one, with an average attendance of about 53 at the evening meetings. A well-varied series of programmes was presented. We have been particularly fortunate with guest speakers and equally interesting illustrated talks were presented from our own membership.

Our annual dinner was one of the best such functions we have held, with its situation right on the water's edge at Cheltenham.

For the one excursion of the year, we chartered the steam tug *William C Daldy* to cruise to Motutapu and around the harbour, with the ship filled to its capacity.

We have maintained a healthy financial position, though the committee is not complacent about that and the position must be constantly under review. The Maritime Museum Trust continues to hold committee meetings and to plot a course in the hope that a suitable venue will become available in the not too distant future.

Finally, I must thank sincerely all those who have contributed to the continued successful functioning of the Society during the year.

Our present officers are: Patron, Mr Bob Lorimer; Chairman, Mr Graham Perkins; Secretary, Mr Robert Hawkins; Treasurer, Mr Steve Baker; Committee, Mr Don Meehan, Mr Rex Carter, Mr John Emmitt, Mr Bill Laxon, Mrs Myra Furniss and Miss Joyce Nicholas; Hon. Auditor, Mr Dave Johnson.

W.G. PERKINS

STAFF PUBLICATIONS

April 1982 to March 1983

Scientific

BANGERTER, E.B.

- 1982 New and interesting records of adventive plants from the Auckland Institute and Museum Herbarium 8. *Rec. Auckland Inst. Mus.* 19: 101-108.

CERNOHORSKY, W.O.

- 1982 On a collection of buccinacean and mitracean gastropods (Mollusca, Neogastropoda) from the Mozambique Channel and New Caledonia. *Bull. Mus. Nat. Hist. Nat. Paris* (4e), 3(4): 985-1009.
- 1982 *Catalogue of the family Nassariidae* Iredale, 1916. Stand. cat. shell, ed.3, Suppl.2: 201-243.
- 1982 Description of a new species of *Vexillum* (*Costellaria*) (Mollusca: Gastropoda) from the West Pacific Ocean. *Rec. Auckland Inst. Mus.* 19: 109-112.
- 1982 The taxonomic status of *Cronia fiscella* (Gmelin, 1791) and *C. margariticola* (Brodrip, 1833) (Gastropoda: Muricidae). *Rec. Auckland Inst. Mus.* 19: 113-124.
- 1982 The taxonomy of some Indo-Pacific Mollusca. Part 10. *Rec. Auckland Inst. Mus.* 19: 125-147.

CERNOHORSKY, W.O. T. BRATCHER and —

- 1982 Six new species of Indo-Pacific Terebridae (Gastropoda). *Nautilus* 96(2): 61-66.

FOX, Aileen

- 1982 Hawke's Bay. Pp.62-82 in N. Prickett ed. *The First Thousand Years*. Palmerston North, Dunmore Press.
- 1982 Obsidian from excavations in Auckland and Hawke's Bay. *N.Z. Archaeol. Ass. Newsl.* 25: 208-209.

FOX, Aileen and R.C. GREEN

- Excavations at Maioro, N51/5, south Auckland, 1965-66. *Rec. Auckland Inst. Mus.* 19: 53-80.

GILL, B.J.

- 1982 Breeding of the grey warbler *Gerygone igata* at Kaikoura, New Zealand. *Ibis* 124: 123-147.
- 1982 Description of the newly hatched willie wagtail *Rhipidura leucophrys*. *Emu* 82: 112-113.
- 1982 Notes on the shining cuckoo (*Chrysococcyx lucidus*) in New Zealand. *Notornis* 29: 215-227.
- 1982 The grey warbler's care of nestlings: a comparison between unparasitised broods and those comprising a shining bronze-cuckoo. *Emu* 82: 177-181.
- 1983 Brood-parasitism by the shining cuckoo *Chrysococcyx lucidus* at Kaikoura, New Zealand. *Ibis* 125: 40-55.

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PRICKETT, N.J.

1982 Maori fortifications of the Tataraimaka district, Taranaki. *Rec. Auckland Inst. Mus.* 19: 1-52.

1982 An archaeologist's guide to the Maori dwelling. *N.Z.J. Archaeol.* 4: 111-147.

1982 (Edited) *The First Thousand Years: Regional Perspectives in New Zealand Archaeology*. Palmerston North, Dunmore Press.

SIMMONS, D.R.

1982 Catalogue of Maori Artefacts in the Museums of Canada and the United States of America. *Bull. Auckland Inst. Mus.* No.12: 1-421.

1983 Moko in S.M. Mead and B. Kernot, *Art and Artists of the Pacific*. Dunmore Press, Palmerston North.

WISE, K.A.J.

1982 Two new species of Trichoptera from the Murchison Mountains, South Island, New Zealand. *Rec. Auckland Inst. Mus.* 19: 149-151.

WISE, K.A.J. D.M. Spiller and —

1982 A catalogue (1860-1960) of New Zealand insects and their host plants. *N.Z. Dep. Scient. Industr. Res. Bull.* No.231: 1-260.

General

SIMMONS, D.R.

1982 Forward for Lewis, D. & W. Forman, *The Heirs of Tane Orbis*, London.

1983 Te Whakapapa o Te Ho Nei, in *The Story of Hauraki Maritime Park*. Hauraki Maritime Park Board.

WISE, K.A.J.

1982 Shades of Baltic Amber! *The Weta* 5(1): 11.

WRIGHT, A.E.

1982 Field Club marks 60th birthday. *Univ. Auckland News* 12(6): 18-19.

RECENT BENEFACTORS OF THE AUCKLAND INSTITUTE AND MUSEUM

(A complete list since 1876 last appeared in the Annual Report for 1979-80)

MONETARY GIFTS

- 1973 **Mr C.E. Disney:** \$7,200 to establish a Hall of English Furniture.
Sir John Logan Campbell Trust: \$4,000 for improvements to the Special Exhibition Hall.
Auckland Savings Bank: \$2,500 towards the Hall of New Zealand Birds.
Miss Edith McLeod: Bequeathed \$4,348.
Mrs M. Hemingway: Donation of \$200 for entomological collection maintenance.
- 1974 **Sir John Logan Campbell Trust:** \$4,000 for installation of acoustic ceiling in Hall of New Zealand Birds.
Auckland Savings Bank: \$2,500 for mobile shelving in Cheeseman Herbarium.
Mrs C.R. Ford: \$100 for display case to house the C.R. Ford Antarctic Collection.
Sir William Goodfellow: \$100 for display case to house the C.R. Ford Antarctic Collection.
- 1975 **Auckland Savings Bank:** \$3,000 towards Coffee Lounge extensions.
Miss R.B. Hellaby: Bequeathed \$2,000.
Kensington Carpets N.Z. Ltd: \$200 for research activities.
Sir John Logan Campbell Trust: \$5,000 for new lighting in the Maori Court, and purchase of items for the Maori and contemporary ceramics collections.
- 1976 **Auckland Savings Bank:** \$3,000 towards publication costs of Bulletin No. 10, 'Taxonomic Revisions in the Family Haloragaceae', by A.E. Orchard.
Mr C.J. Shaw: Bequest of \$2,000 as an endowment for the purchase of natural history and ethnographical specimens.
Sir John Logan Campbell Trust: \$25,000 towards Building Restoration and Window Replacement Fund.
- 1977 **Mr K.E. Sutcliffe:** \$100 for Library requirements.
Auckland Savings Bank: \$5,000 towards Window Replacement Appeal Fund.
Mr C.V. Houghton residuary estate: \$600.
Sir John Logan Campbell Trust: \$5,000 as first instalment of a total of \$51,000 towards the installation of 'Auckland Landscapes — Past and Future'.
- 1978 **Auckland Savings Bank:** \$4,000 towards installation of wheelchair ramp.
Mr R. Court: Cost of curtaining in Hall of Pacific, including installation.
R.T. Sheppard and Co. Ltd: \$500 for research activities.
Sir John Logan Campbell Trust: \$15,000 as second instalment of a

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- total of \$51,000 towards the installation of 'Auckland Landscapes — Past and Future'.
- 1979 **Auckland Savings Bank:** \$4,000 for audio-visual introduction to Hall of the Pacific and towards the cost of installing further mobile shelving in Herbarium.
- Corbans Holdings Ltd:** \$500 towards cataloguing and housing costs relating to the Corban family archives.
- Miss J.H.G. Gollan:** Bequest of \$203.
- New Zealand Law Society:** Donation of \$500.
- Sir John Logan Campbell Trust:** \$15,000 as third instalment of a total of \$51,000 towards the installation of 'Auckland Landscapes — Past and Future'.
- Dr Lucy Cranwell Smith:** \$4,000 towards the publication costs of *The Botany of Auckland*.
- 1980 **Auckland Savings Bank:** \$4,000 for modifications to Maori Court display cases.
- Sir John Logan Campbell Trust:** \$16,000 as final instalment of a gift of \$51,000 towards the 'Auckland Landscapes — Past and Future' installation.
- W.L. Cooke and family:** A property valued at over \$55,000, the income to be used for library purposes.
- Miss R.M. Peek:** Bequest of \$3,100.
- D.F. Whitmore:** Bequest of \$500.
- 1981 **Auckland Savings Bank:** \$4,000 for care and storage of collections.
- Sir John Logan Campbell Trust:** A further grant of \$9,000 towards 'Auckland Landscapes — Past and Future'.
- Miss A.Z. Dixon:** Bequest of over \$50,000.
- Mr E.F. Hilton:** Bequest of over \$23,000 for the purchase and display of shells.
- New Zealand Insurance Co. Ltd:** \$20,000 for the film for 'Auckland Landscapes'.
- Smith and Caughey Ltd:** Donation of \$5,000.
- Mrs L.E. Worth:** The C.H. Worth Memorial Fund of \$12,000.
- 1982 **Auckland Savings Bank:** \$5,000 towards improving disabled access at the Museum.
- 1983 **Auckland Savings Bank:** \$5,000 towards the development of conservation facilities.
- Department of Internal Affairs, Lottery Profits Board of Control, Committee for the Conservation of Cultural Property:** \$10,000 towards the development of conservation facilities.
- Department of Internal Affairs, Lottery Profits Board of Control, Scientific Research Distribution Committee:** \$10,000 in support of the publication of a Museum *Bulletin* By Mr W.O. Cernohorsky; \$3,000 in support of the publication of a Museum *Bulletin* by Lady Aileen Fox.
- Disney Art Trust:** A\$7,500 to assist in the purchase of objects for the Applied Arts Department at the Museum.
- New Zealand Society of Genealogists:** \$1,100 towards the purchase of a microfilm reader in the Museum Library.

Sir John Logan Campbell Trust: \$10,000 for the development of the Maori display galleries at the Museum.

Telethon Trust for the International Year of Disabled Persons: \$5,000 to assist in improving disabled access at the Museum.

Willi Fels Memorial Trust: \$2,500 towards the publication of the *Museum Bulletin* by Lady Aileen Fox.

SPECIMENS AND BOOKS

- 1973 **Mr E.M. Fenton:** 17 pieces of English pewter.
Dr C.A. Fleming: Set of Mathews 'Birds of Australia'.
Mrs C.R. Ford: Medals awarded to the late C. Reginald Ford — Polar Medal 1902-04, Royal Geographic Society Medal for Antarctic Discovery, George V Jubilee Medal. Antarctic equipment, papers and sketches.
Mr R. Henwood: Ngapuhi carved door post, Kaikohe.
Sir Leonard Isitt: Instrument of Surrender and other Documents relating to the Japanese surrender on 2nd September, 1945, signed on U.S.S. 'Missouri'.
Dr and Mrs B. Johns and family: Persian animal carpet.
- 1974 **Mr J.C. Fenton:** Comprehensive collection of English pewter; collection of English 17th and 18th century furniture and clocks.
Family of the late John Waldie: French provincial chest, Queen Anne table, Chinese punch bowl.
Mr C.G. Hall: Silver tea service, given in memory of the late John Waldie.
Mrs W.H. Ross-Lowe: English 18th century serpentine-fronted chest of drawers.
Royal New Zealand Yacht Squadron: First yacht of M Class, 'Mawhiti I'.
- 1975 **Mr A.G.W. Dunningham:** The Margaret M. Dunningham Collection, comprising material from India, Nepal, Tibet and South-East Asia.
Mr L.W. Tattersfield: Bolex 16 mm camera and accessory fittings; Leica 35 mm camera with set of lenses and accessories; general photographic equipment.
- 1976 **Mr T.E. Clark:** Han Dynasty 'hill jar'.
Mr A.G.W. Dunningham: For the Margaret M. Dunningham Collection four large Balinese folk art paintings.
Mr John Seabrook, C.M.G.: Propellor of World War 1 S.E.5A single seater fighter aircraft.
Samuel Vaile and Sons Ltd. (in commemoration of the firm's centenary): *Patu onewa* from the Thames district.
Mr G.A. Wooller: Comprehensive collection of African trade beads.
- 1977 **Mr T.E. Clark:** Yuan Dynasty storage jar.
Mr A.G.W. Dunningham: For the Margaret M. Dunningham Collection, 43 Balinese items, including material from the Balinese Folk Art Exhibition 1974-75; additional items from India, China and Indonesia.
Miss J.H.G. Gollan: Bequeathed a 17th century sterling silver mug, Queen Anne sterling silver mug and Jean Gautier silver travelling

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- watch.
- Mr and Mrs G.F.A. Lewin:** Bequeathed a collection of 18th century English table glass.
- Mrs I. Worthy:** Representative collection of Queensland and Great Barrier Reef Mollusca.
- 1978 **Professor J. Golson:** Extensive New Zealand archaeological collection.
- 1979 **Miss A.T.H.B. Cumming:** Victorian and Edwardian jewellery.
Dr E.C.S. Little: Chinese decorated silver presentation bowl.
Mr L. Wintle: Collections of Chinese enamels and ceramics, and of English china and glass.
- 1980 **Mr John Seabrook, C.M.G.:** A holograph letter of James Cook.
- 1981 **Mrs Mavis Bramely:** A collection of Maori artefacts from South Mankau.
Miss A.T.H.B. Cumming: A collection of eighteenth and nineteenth century silver and china.
Mr A.G.W. Dunningham: For the Margaret M. Dunningham Collection, nineteen items from the Balinese Folk Art Exhibition, 1974-75, and items from India, China and Indonesia.
Mr Dick Scott: A collection of material related to the New Zealand wine industry.
- 1982 **Mrs G.E. Bell:** Bequeathed a painting by C.F. Goldie.
Mrs N. Hodges: A Geneva or Breeches Bible, 1611.

ACCESSIONS 1982-83

We are grateful to the following for the gift of items during the year:

Messrs R.G. Appleton, R.I. Archdall, L.H. Armstrong, Dr J.D. Atkinson, N. Baumber, C.A. Boreham, J. Clarke, D.C.G. Cook, R. Bramely, F. Brennan, J.L. Bush, E.K. Cameron, Campbell, E. Carman, A.C.R. Chester, E.C. Clarke, R.E. Combes, B. Copland, J. Coster, A.E. Cotterill, R. Crisp, Dr B. Faris, Dr R.H.L. Ferguson, Sir Charles Fleming, S.A. Flyger, I. Fordyce, P. Foster, R.C. Gallagher, R.O. Gardner, J.J.F. Geboers, F.E. Gee, Prof J.A. Grant-Mackie, D. Gunson, R.B. Hardey, B. Harrison, A. Hartnell, S. Hatton, C.E. Hill, O. Hooker, K. Howard, W. Hursthouse, R. Janes, R.H. Keely, M. Kerebs, R.E. Lambert, R. Lockley, R.B. McFarlane, H. McKergow, Maingay, J.L. Mathews, W.L. Moisley, Dr M. Nash, B. Hehring, J. Ngatoa, R. Nikiel, J. O'Sullivan, Cmdr C.G. Palmer, D. Peters, R. Porter, N.J. Prickett, D.A. Rae, M.J. Raymond, N. Reardon, D. Reynolds, J.A. Rigden, E.I. Robinson, M. Ross, W. Rowe, J.F.Y. Schischka, B.R. Schofield, R.B. Sibson, D.R. Simmons, J.B. Speed, J.E. Staniland, R.D. Stanley, R. Thomas, J.M.A. Thompson, R. Tihore, H.L. Trotman, A. Vowles, Rev A.H. Voyce, G. Walker, N.C. Watt, D. Webster, J.P. Webster, C.A. Webster, E.A. Wildy, B. Wilkins, M.A. Williams, R. Wilson, C.L. Wilton, R. Woodhams, N. Woods, C. Young, R. Young.

Mesdames: H. Alford, F.E. Allan, S. Alpers, D. Annandale, U.I. Austin, E. Banks, M.L. Bartlett, M.A. Bilkey, R. Bird, Bishop, O. Bracey, C. Browne, Campbell, J.D. Campion, M.R. Carruthers, D. Christenson, S.R. Collins, L. Couston, V. Cross, J. Edwards, A.L. Fergusson, H.J.F. Geboers, D.L. Gibbs, G. Gray, E. Graydon, B.S. Gregory, B. Gregory, P. Hall, A. Heath, A. Hunt, N.J.I. Hunt, Hutchinson, P.M. Ivatts, R. Jenson, B.M. Jones, L.P. Jury, B. Konui, Katarina Konui, Kathleen Konui, A. Koroheke, J. Kronfeld, S. Laffey, R.E. Lambert, M.L. Lehmann, E.M. Lump, McDonald, F.M. MacIntosh, R. Mansfield, J. Mead, E. Mihaere, W. Morehu, M. Nash, B.A. Newcombe, G. Ngata, L. Nukunuku, O'Reilly, M. Peters, M.D. Pollock, M. Rasmussen, S. Richmond, H. Rickard, D.E. Robinson, W. Rowe, Sadler, V. R. Shalders, N. Sheehan, Schnogate, J. Smith, B. Straka, T. Stullman, M. Styles, D.H. Tabor, A. Thomson, M.C. Thwaites, P. Tihore, R. Toni, N. Upton, C. Waara, P. Walker, C.A. Webster, E.J. White, J.R. Williams, M. Williams, M. Williams, Woolf, N.R. Wormald, F. Young.

Misses: H.M. Fletcher, E. Forte, M.J. Kelly, B.P. Kerr, M. Knight, H. Morton, Y. Shadbolt, Sister Stanislaus, C. Taylor.

Ms: E. Parata, D. Sinton.

Directors of Alliance Textiles Ltd.

REPORT OF THE AUDIT OFFICE

The Audit Office, having been appointed in terms of section 13, Auckland War Memorial Museum Maintenance Act 1979, has audited the financial statement of the Auckland Institute and Museum.

The audit was conducted in accordance with generally accepted auditing standards and practices.

In the opinion of the Audit Office, the attached financial statements fairly reflect the financial position as at 31 March, 1983 and the results of the financial operations for the year.

26 August 1983

I.S. Sivyer
for Controller and Auditor-General

AUCKLAND INSTITUTE AND MUSEUM
BALANCE SHEET AS AT 31st MARCH 1983

LIABILITIES			ASSETS		
	1983 \$	1982 \$		1983 \$	1982 \$
Current Liabilities —			Current Assets —		
Sundry Creditors	118,603	87,874	Cash in Hand	2,500	2,445
Subscriptions in Advance	428	487	Cash at Banks	50,534	41,693
	119,031	88,361	Sundry Debtors and Prepayments ..	47,781	58,857
			Subscriptions in Arrear	1,099	860
			Stock in Hand	195,854	186,129
				297,768	289,984
Trusts and Endowments —			Investments, at cost —		
As per Statement:			Auckland Savings Bank,		
Trusts	723,464	713,742	Term Deposit	17,000	17,000
General Endowments	57,216	56,172	Bank of New Zealand,		
	780,680	769,914	Term Deposit	343,854	131,456
			Australian Commonwealth		
Reserves, Gifts, Grants and			Stock	5,316	5,470
Provisions —			Local Authority Stock	77,499	77,499
As per Statement	346,271	308,850	New Zealand Government		
			Inscribed Stock	39,874	39,874
Capital —			Shares in Companies	26,406	26,863
Balance 1st April	3,018,628	2,910,344	Freehold Properties	595,310	595,310
Add Additions during year	131,460	108,284		1,105,259	893,472
	3,150,088	3,018,628			
			Fixed Assets, at cost —		
Add			Buildings	1,579,867	1,562,670
Balance Appropriation Account	157,045	16,331	Collections	588,748	566,257
	3,307,133	3,034,959	Displays	165,047	165,047
			Equipment, Tools, etc.	82,933	71,845
			Furniture and Fittings	276,153	238,913
			Library	434,751	391,307
			Motor Vehicles	22,589	22,589
				3,150,088	3,018,628
				<u>\$4,553,115</u>	<u>\$4,202,084</u>
	<u>\$4,553,115</u>	<u>\$4,202,084</u>			

G.S. Park,
Treasurer

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AUCKLAND INSTITUTE AND MUSEUM **INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31st MARCH 1983**

EXPENDITURE			INCOME		
	1983	1982		1983	1982
	\$	\$		\$	\$
Employment Costs —			Contributions from Local Authorities —		
Salaries and Wages	819,773	737,282	Metropolitan and Provincial		
Non-Taxable Allowances	7,107	7,500	Statutory	1,146,000	846,000
Retiring Allowances	2,141	5,585	Provincial Voluntary	25,300	23,529
Superannuation	38,675	34,233		1,171,300	869,529
Accident Compensation Levy	5,020	4,124			
	872,716	788,724	Grants from Government etc. —		
Administration Expenses —			Administration of Antiquities Act	5,000	5,000
Audit Fee	2,957	3,207	N.Z. Lottery Board —		
Cleaning, Laundry and Custodial ...	14,413	11,264	Art Galleries and Museums Scheme	12,000	11,000
Councillors' Travelling	736	493	Government Conservation Grant ...	21,869	9,498
Equipment Hire	3,936	—		38,869	25,498
Freight and Cartage	336	124	Subscriptions —		
General	13,727	11,302	Life Members	2,140	1,640
Heating, Lighting and Water	22,276	15,736	Annual	13,462	11,743
Insurance	13,330	2,803		15,602	13,383
Legal Fees	—	109	Donations		
Postages, Telephones and Intercom.	14,411	13,852	Miscellaneous	1,160	871
Printing and Stationery	19,953	17,873	Rent, Interest and Dividends —		
Rates — Auckland City Council	16,239	15,363	Trusts	2,841	1,988
Travelling	14,964	5,198	General Endowments	3,244	2,156
	137,278	97,324	General Funds	51,477	30,182
Preservation and Display —				57,562	34,326
Materials and Expenses	7,665	5,783	Income from Sales and Services —		
Preparation and Taxidermy	11,799	6,977	Auditorium, net	6,825	6,335
Extension Service	8,843	6,686	Coffee Lounge, net	45,592	30,191
Special Exhibitions	3,994	3,004	Exhibition Hall	1,726	1,028
Photography	2,274	1,689	Planetarium	3,586	2,823
	34,575	24,139	Publications	15,110	8,691
Institute —			Shop, net	49,790	30,707
Expenses	8,511	6,715	Miscellaneous Receipts	3,758	6,525
Subscriptions Written Off	2,112	662		126,387	86,300
	10,623	7,377			
Repairs and Maintenance —					
Building (see "Notes to Accounts") .	—	4,359			
Electrical Fittings	13,305	8,003			
Equipment and General	5,131	4,704			
Showcases and Furniture	3,970	2,324			
	22,406	19,390			

Depreciation —			
Displays	3,301	3,251	
Equipment, Plant and Tools	2,548	2,277	
Furniture and Fittings	8,389	8,026	
Motor Vehicle	1,625	—	
	15,863	13,554	
Unauthorised Expenditure —			
Entertainment of Guests etc.	463	282	
Balance transferred to Appropriation Account	316,956	79,117	
	<u>\$1,410,880</u>	<u>\$1,029,907</u>	
			<u>\$1,410,880</u> <u>\$1,029,907</u>

**APPROPRIATION ACCOUNT
FOR THE YEAR ENDED 31st MARCH 1983**

	1983	1982		1983	1982
	\$	\$		\$	\$
Balance as at 1st April	—	703	Balance as at 1st April	16,331	—
Capital Expenditure from Revenue	64,318	27,528	Balance from Income & Expenditure Account	316,956	79,117
Capital Expenditure from Reserves, etc.	42,808	55,051	Transfers from —		
Capital Expenditure from Trusts	2,834	2,553	Trusts		
General Endowment	3,354	1,000	L.J. Ayre — Philately	115	30
Life Members' Subscription Endowment	2,140	1,640	W.L. Cooke Family — Library	1,972	1,400
Publications Reserve	15,110	8,691	J.C. Entrican — Numismatics	187	374
Building Maintenance Reserve	67,395	15,000	E.F. Hilton — Malacology	60	250
Display Development Fund	20,000	5,000	Mackechnie — Library	500	500
Specimen Purchase Fund	5,000	4,500	Reserves, Gifts, Grants and Endowments		
Exchange Loss on Overseas Investments	1,279	—	A.G.M.A.N.Z. — Book Grant	777	228
Balance carried down	157,045	16,331	Auckland Savings Bank — Conservation		
			Equipment / Entomology Storage	5,000	1,989
			Clinch — Photographic Equipment	66	—
			Depreciation of Motor Vehicles	—	9,754
			Depreciation of Shop Assets	248	65
			Depreciation of Coffee Lounge Assets	601	1,076
			Disabled Access:		
			Auckland Savings Bank	—	5,000
			IYD Telethon Trust	5,000	—
			R.M. Peek Bequest	6,824	—
			Reserve for Building Additions	2,827	—
			B.G. Winstone Memorial Trust	200	—
			Disney Fund — Specimens	9,445	7,681
			Exhibition — Auckland Landscapes	—	2,512
			General Endowment	—	4,889
			Government Grant — Conservation	419	989
			Leys — Ethnographic Specimens	—	777
			Members' Library Purposes Fund	7,426	5,171
			Members' Specimen Purchase Fund	700	2,775
			Scientific Research Distribution Committee	—	9,000
			Specimen Purchase Fund	5,629	3,144
			Exchange Gain on Overseas Investments	—	1,276
	<u>\$381,283</u>	<u>\$137,997</u>		<u>\$381,283</u>	<u>\$137,997</u>

STATEMENT OF TRUSTS: SPECIFIC AND GENERAL ENDOWMENTS: RESERVES, GIFTS, GRANTS AND PROVISIONS

Description	Capital Balance 1/4/82	Income Balance 1/4/82	Interest	Other Receipts	Detail	Total Income	Payments	Detail	Income Balance 31/3/83	Capital Balance 31/3/83	Total Balance
TRUSTS											
Accumulating Endowment	3,375.70		337.57			337.57				3,713.27	3,713.27
H.G. Atkinson — Research	1,478.48	855.90	147.85			147.85			1,003.75	1,478.48	2,482.23
L.J. Ayre — Philately	1,777.92	517.27	177.79			177.79	114.70	Appn A/c	580.36	1,777.92	2,358.28
W.L. Cooke Family — Library	53,000.00	487.40		1,718.00	Net Rent	1,718.00	1,972.39	Appn A/c	233.01	53,000.00	53,233.01
Property Depreciation Fund	260.00		26.00	260.00	Dep'n	260.00				546.00	546.00
J.C. Entrican — Numismatics	2,000.00	840.97	200.00			200.00	186.59	Appn A/c	854.38	2,000.00	2,854.38
E.F. Hilton — Malacology	24,383.59	1,456.85	2,438.36			2,438.36	60.00	Appn A/c	3,835.21	24,383.59	28,218.80
Mackechnie — Library	4,000.00	120.00	400.00			400.00	500.00	Appn A/c	20.00	4,000.00	4,020.00
Janet McLennan — School Service	2,000.00	528.37	200.00			200.00	361.26	S/Service	367.11	2,000.00	2,367.11
Mitchelson Prize	400.00	413.81	40.00			40.00		I & E A/c	453.81	400.00	853.81
Museum Endowment	28,406.80		2,840.68			2,840.68	2,840.68			28,406.80	28,406.80
Pond Cheeseman Bequest —											
Commemoration Prize	290.00	266.87	29.00			29.00			295.87	290.00	585.87
Sir Garrick Robertson — Research	1,200.00	795.18	120.00			120.00	800.02	Field Exps	115.16	1,200.00	1,315.16
C.J. Shaw — Natural History and											
Ethnology purchases	2,000.00	857.53	200.00			200.00			1,057.53	2,000.00	3,057.53
Edward Earle Vaile —											
Ethnology, Library	540,060.94	6,080.79	2,105.46	54,710.04	Rents	56,815.50	58,402.52	Vaile A/c	4,493.77	540,060.94	544,554.71
Vaile Obsolescence Fund	12,364.11		1,236.41	5,973.00	Dep'n	7,209.41				19,573.52	19,573.52
Bertha Wilson — Cinematography	4,000.00	4,066.36	400.00			400.00			4,466.36	4,000.00	8,466.36
Bertha Wilson — Photography	2,000.00	617.15	200.00			200.00			817.15	2,000.00	2,817.15
C.H. Worth Memorial — Research	12,000.00	840.00	1,200.00			1,200.00			2,040.00	12,000.00	14,040.00
	694,997.54	18,744.45	12,299.12	62,661.04		74,960.16	65,238.16		20,633.47	702,830.52	723,463.99
GENERAL ENDOWMENTS											
General Endowment	2,944.66		294.47	3,354.34	Appn A/c	3,648.81				6,593.47	6,593.47
Eleanor L. Hellaby Bequest	11,610.55		1,161.05			1,161.05				12,771.60	12,771.60
Rose B. Hellaby Bequest	2,289.80		228.98			228.98				2,518.78	2,518.78
Houghton Bequest	687.15		68.72			68.72				755.87	755.87
Rita M. Peek Bequest	6,203.23		620.32			620.32	6,823.55	Appn A/c			
Life Members' Subscriptions	32,436.64		3,243.66	2,140.00	Subs	5,383.66	3,243.66	I & E A/c		34,576.64	34,576.64
	56,172.03		5,617.20	5,494.34		11,111.54	10,067.21			57,216.36	57,216.36

RESERVES, GIFTS, GRANTS AND PROVISIONS

Access for the Disabled —												
IYD Telethon Trust			5,000.00	Grant								
B. G. Winstone Memorial Trust			200.00	Donation	5,200.00	5,200.00	Appn A/c	—	—			
Art Galleries and Museums Association —												
Book Grant			776.58	Grant	776.58	776.58	Appn A/c	—	—			
Auckland Savings Bank —												
Conservation Equipment			5,000.00	Grant	5,000.00	5,000.00	Appn A/c	—	—			
Building Maintenance	47,935.88	4,793.59	67,395.00	Appn A/c	72,188.59	106,766.94	R & M A/c	13,357.53	13,357.53			
Clinch — Photographic Equipment	60.34	6.03			6.03	66.37	Appn A/c	—	—			
Depreciation of Investments	1,963.12	196.31						2,159.43	2,159.43			
Depreciation of Assets	65,401.70	6,540.17	23,294.02	Dep'n	29,834.19	849.48	Appn A/c	—	—			
						1,475.00	R & M A/c	92,911.41	92,911.41			
Education Service Grants	510.40	51.03			51.03	239.79	S/Service	321.64	321.64			
Government Grants —												
Conservation Programme 1979/80	418.95					418.95	Appn A/c	—	—			
Administration of Antiquities Act	—		5,000.00	Grant	5,000.00	5,000.00	I & E A/c	—	—			
Conservation Grant	14,422.00		8,149.00	Grant	8,149.00	21,869.00	I & E A/c	702.00	702.00			
Horton — Geology	492.48	49.25			49.25			541.73	541.73			
Leys — Ethnographic Specimens	252.52	25.25			25.25			277.77	277.77			
Malacology Donations	500.00	50.00			50.00	301.93	Trav Grant	248.07	248.07			
Members' Library Purposes Fund	3,718.24	371.82	2,451.40	Donations	3,923.22	7,426.23	Appn A/c	215.23	215.23			
— NZ Society of Genealogists			1,100.00	Gift	731.97	700.00	Appn A/c	751.67	751.67			
Members' Specimen Purchase Fund	719.70	71.97	660.00	Donations	1,171.50			12,886.45	12,886.45			
Memorial Halls	11,714.95	1,171.50										
Museum Display Development Fund —	70,285.92	7,028.59	11,658.88	Donations								
Sir John Logan Campbell Trust			10,000.00	Grant								
Other Transfers			20,000.00	Appn A/c	48,687.47	4,800.00	Trav Grant	114,173.39	114,173.39			
Nuffield Grant	2,289.28	228.93			228.93			2,518.21	2,518.21			
N.Z. Lottery Board —												
Art Galleries & Museums Scheme	—		12,000.00	Grant	12,000.00	12,000.00	I & E A/c	—	—			
Publication Grant	—		20,000.00	Grant	20,000.00	20,000.00	Publn A/c	—	—			
Oceanographic Grant	138.41	13.84			13.84			152.25	152.25			
Perpetual Trustees Co. of N.Z. Ltd			2,500.00	Grant	2,500.00	2,500.00	Publn A/c	—	—			
Publications Reserve	65,838.16	6,583.82	15,110.05	Publn A/c	21,693.87	2,827.09	Appn A/c	87,532.03	87,532.03			
Reserve for Building Additions	2,570.08	257.01			257.01			—	—			
Smith & Caughey Ltd. — Centennial Gift	5,350.00	535.00			535.00			5,885.00	5,885.00			
Special Visitors' Fund	1,064.76	106.48			106.48			1,171.24	1,171.24			
Specimen Purchase Fund	3,381.78	338.18	5,000.00	Appn A/c								
Constance A. Lloyd Bequest			1,000.00	Bequest	6,338.18	5,629.29	Appn A/c	4,090.67	4,090.67			
Specimen Purchase — Disney Fund	2,052.07	205.21	10,310.70	Grant	10,515.91	9,444.95	Appn A/c	3,123.03	3,123.03			
Sir John Logan Campbell Trust —												
Restoration of Stonework	7,768.57	776.86			776.86	5,292.99	R & M A/c	3,252.44	3,252.44			
	308,849.31	29,400.84	226,605.63		256,006.47	218,584.59		346,271.19	346,271.19			

EDWARD EARLE VAILE ENDOWMENT AND BEQUEST ACCOUNT
(A summary of this account is included in the Statement of Trusts)

	1983 \$	1982 \$		1983 \$	1982 \$
Capital Expenditure —			Rents Received		
Collections	6,470	9,657	Less Expenses —		
Library	<u>15,029</u>	<u>13,496</u>	Insurance		107
	21,499	<u>23,153</u>	Repairs and Maintenance	<u>—</u>	<u>69</u>
					176
Archaeology —			Net Rents	54,710	54,534
Salary, Wages and Superannuation	27,430	24,071			
Travelling, Field Expense & Sundry	<u>2,264</u>	<u>1,832</u>	Interest		
	29,694	<u>25,903</u>	Term Deposit	2,105	1,233
Transfer to Obsolescence Fund	5,973	5,973			
Interest on Obsolescence Fund	<u>1,236</u>	<u>418</u>			
	7,209	<u>6,391</u>			
Balance carried down	4,493	6,080	Balance brought down	6,080	5,760
	<u>\$62,895</u>	<u>\$61,527</u>		<u>\$62,895</u>	<u>\$61,527</u>

AUCKLAND INSTITUTE AND MUSEUM

STATEMENT OF CHANGES IN FINANCIAL POSITION FOR THE YEAR ENDED 31st MARCH 1983

FUNDS WERE PROVIDED:

(1) From Operations:—

General Funds

Excess of Income over Expenditure	316,956	
Items not involving movement of funds —		
Depreciation of Assets	<u>23,294</u>	340,250

Special Funds

Donations and Bequests	142,968	
Interest and Dividends	<u>47,317</u>	190,285
		<u>530,535</u>

Less Expended on Operations 208,895

Total Funds from Operations 321,640

(2) From Other Sources:—

Decrease in Net Current Assets	22,886	
		<u>\$344,526</u>

FUNDS WERE APPLIED TO:

Purchase of Fixed Assets	131,460	
Purchase of Investments	<u>213,066</u>	
		<u>\$344,526</u>

MOVEMENT IN NET CURRENT ASSETS

Increase:	Cash in Hand and at Banks	8,896	
	Subscriptions in Advance	59	
	Subscriptions in Arrear	239	
	Stocks	<u>9,725</u>	18,919
Decrease:	Debtors and Prepayments	11,076	
	Trade Creditors	<u>30,729</u>	41,805
Decrease in Net Current Assets:			<u>\$22,886</u>

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AUCKLAND INSTITUTE AND MUSEUM NOTES TO THE ACCOUNTS FOR YEAR ENDED 31st MARCH, 1983

STATEMENT OF ACCOUNTING POLICIES

These accounts have been prepared in accordance with general accounting principles recommended by the New Zealand Society of Accountants for the measurement and reporting of earnings and financial position on a historical cost basis.

The following particular accounting principles which materially affect the measurement of income, and of the overall financial position as disclosed by these financial statements, have been applied:—

(a) **Stocks**

Stocks in all instances are valued at the lower of cost or net realisable market value. Adequate provision has been made for obsolescence, deterioration, or damage.

(b) **Investments**

- (i) The book value of Shares and some Government and Local Authority Stocks represents the market value pertaining at the date of gift or bequest.
- (ii) Kent Street property is shown at the Government valuation at the date of the gift.
- (iii) Overseas investments, including bank balances, have been converted to New Zealand currency at rates of exchange ruling on 31st March, 1983.
- (iv) Other investments, including the Vaile Trust property at Wiri, are shown at cost.

(c) **Fixed Assets**

Fixed Assets are shown at cost in the balance sheet. Collections which have been donated or bequeathed to the Museum are not included due to the nature and impracticability of valuing such assets.

(d) **Depreciation**

- (i) All Furniture and Fittings, Displays, Equipment and Tools (including Motor Vehicles) are depreciated on a straight-line basis in accordance with the estimated economic lives of the assets, and the sum so provided is transferred to Reserve.
- (ii) No depreciation is provided for the Building; instead, lump sum transfers, as determined by Council, are normally made each year to Building Maintenance Reserve. All maintenance work on the Building has been charged directly to the Reserve.
- (iii) Depreciation on the Vaile Trust building at Wiri and the W.L. Cooke building, Newmarket, has been provided for at standard rates on a straight-line basis.

(e) **Trusts, Endowments etc.**

Funds received for special purposes are placed in a reserve, and recognised as income in the year in which such funds (or the interest arising from them) are spent.

(f) **Income**

- (i) Revenue from sales and services includes both cash and credit sales. Bad debts have been written off where appropriate.
- (ii) Investment income is included on an accrual basis, except that interest received from sums on term deposit is recorded on a cash basis.

There are two changes in accounting policies as compared with the previous year.

The first relates to depreciation on motor vehicles and auditorium assets. Whereas formerly lump-sum provisions were made, the method of depreciating these items has been brought into line with other assets.

The second change relates to the charging of building repairs and maintenance costs to the Building Maintenance Reserve (see above).

MEMBERS AUCKLAND INSTITUTE AND MUSEUM

HONORARY LIFE MEMBERS

J.D. Atkinson, O.B.E., M.Agric.Sc., D.Sc., F.R.S.N.Z.	A.W.B. Powell, C.B.E., Hon.D.Sc., F.R.S.N.Z., F.M.A.N.Z.
S.G. Brooker, M.Sc., Hon.F.N.Z.I.C., Hon.F.I.F.S.T. (N.Z.)	J.H. Rose, Q.S.O., Ll.B.
T.E. Clark	W.H. Ross-Lowe
C.E. Disney	J. Seabrook, C.M.G., A.F.C.
J.C. Fenton	Mrs L. Cranwell-Smith, M.A., D.Sc., F.L.S., F.R.S.N.Z.
Sir William Mackay, O.B.E., M.C.	W.B. Dixon Stroud
R.S. Milne, C.B.E.	Walter Taipari
Sir Kenneth B. Myers, M.B.E.	E.G. Turbott, Q.S.O., M.Sc., F.M.A.N.Z.

LIFE MEMBERS

Adams, G.E.	Batten, W.N., M.A., A.R.A.N.Z.
Adams, L.	Batley, M.H., M.Sc., Ph.D.
Afford, R.N.	Baynes, Miss S., B.A., M.A.
Alexander, L.J.	Beever, J.E., M.Sc. (Auck.), Ph.D. (Leeds)
Alldritt, C.	Beever, R.E., M.Sc. (Auck.), Ph.D. (Leeds)
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Alward, Mrs E.	Belsham, L.R., B.A.
Ambler, F.N., O.B.E.	Bennett, Rev. D.M.T.
Anderson, R.L.	Bieleski, R.L., M.Sc., Ph.D., F.R.S.N.Z.
Armstrong, L.H., M.N.Z.I.S., A.R.I.C.S.	Bierre, N.W., Dip.Arch., A.N.Z.I.A.
Armstrong, R.W., M.A., Ph.D., M.P.H., M.R.S.H.	Bishop, Miss B., M.A., B.Com.
Arthur, Mrs N.V., N.Z.L.A. Cert., A.N.Z.L.A., A.L.A.A.	Bishop, J.J.
Ash, Miss C., M.A.	Bishop, T.A., O.B.E., M.M., B.A.
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Astley, F. Lloyd	Black, Prof P.M., M.Sc., Ph.D., F.M.S.Am.
Bach, C.R., E.D., B.Sc.	Blackburn, Mrs Y.D.L.
Bach, Miss E.E.R.	Blackwell, J.G.
Bailey, E.	Blanchard, Mrs S.
Baker, D.G., M.N.Z.I.E.	Bogle, Prof A.G., B.E. (N.Z.), D. Phil. (Oxon.), C.Eng., F.I.E.E., M.N.Z.I.E.
Baker, D.H.	Bonham, Prof D.G., O.B.E., M.A., M.B., B.Chir. (Camb.), F.R.C.S., F.R.A.C.S., F.R.C.O.G.
Ball, Mrs J.E.M.	Bonny, G.E.
Bamford, Miss N.R., B.A.	Booth, C.H.
Bannister, M.H.	Bourke, Mrs N.J., Q.S.M., J.P.
Barbarich, J.P.	Bow, A.F.
Barnes, J.R., B.D.S.	Bowling, Miss R.
Barnfather, R.L.	Boyd, R.A., E.D.
Bartlett, W.H.	Braggins, J.E., M.Sc.
Baskett, Dr J.J., M.B., Ch.B., F.R.A.C.P.	
Baskett, Dr N.	
Baskett, Mrs P.A., M.A.	

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- Brake, B., O.B.E.
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 Brett, Miss M.
 Brett, Miss P.
 Brialey, Miss F.M.G.
 Briggs, R.M., M.Sc., Ph.D.
 Briggs, Mrs S.M.
 Broadfoot, Mrs R.M.
 Broady, Miss A.H.
 Brook, F.J.
 Brook, Miss P.J.
 Brooking, C.T., E.D., M.A., Dip.Ed.
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 (Lond.), F.G.S., F.R.S.N.Z.
 Brown, A., A.C.A.
 Brown, A.G.
 Brown, Mrs B.
 Brown, D.F.
 Brown, H., B.A.
 Brown, H.St.C.
 Brown, J.
 Brown, Mrs J., N.Z.L.A.Cte.
 Brown, Mrs J.C.
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 Browne, W.E., B.Sc.
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 Butcher, Miss R.
 Buttle, J.R.
 Byttiner, Mrs L.I.

 Cairns, Dr F.J.
 Cambie, Prof R.C., M.Sc., Ph.D., D.Sc.,
 A.N.Z.I.C.
 Campbell, P.
 Campbell, T.M., A.M.I.C.E., M.N.Z.I.E.
 Candy, Miss L.S.
 Canter-Visscher, Mrs E.E.
 Carbutt, J.M., B.A., Dip.Ed., Dip.Tchg.
 Carless, Miss M.E.
 Carpenter, J.W.M.
 Carr, Mrs B.A.
 Carson, Mrs M.B.
 Carver, Mrs H.M., M.A.
 Cassie, U.V., M.A., Ph.D.
 Catley, Rev. Dr A.B., M.A., M.Sc.,
 B.Sc.Agr., D.Th.
 Caughey, Prof J.E., M.D., F.R.C.P.

 Caughey, J.S.
 Caughey, Mrs R.H.
 Caughey, W.G.
 Chambers, Prof T.C., M.Sc., Ph.D.
 Chandler, Mrs J.M.
 Chapman, N.
 Charlton, R.W., M.Sc., Dip. Maths.
 (Lond.)
 Cheesman, O.A., M.B.E.
 Childs, Dr T.D.C.
 Ching, R.
 Chong, Mrs S.A.
 Church, Mrs B.A.
 Claflin, W.H.
 Clarihew, G.S.
 Clark, J.L., Ll.B.
 Clarke, E.C.
 Clerk, Miss M.T.B.
 Close, R.C., M.Sc., Ph.D.
 Colebrook, D.
 Collier, R.B.
 Collins, Prof E.R., O.B.E., M.Sc., Ph.D.,
 F.R.S.N.Z.
 Colquhoun, J.A., B.D.S., Dip.Ed.
 (Sydney), M.Phil.
 Comber, Dr R.E.H., M.B., Ch.B.,
 F.F.A.R.A.C.S.
 Cooke, A.C.
 Cooke, B.L.
 Cooke, D.L.
 Cooke, D.W.L.
 Cooke, Mrs M.E.
 Cooke, W.L.
 Cooke, W.L., Jnr
 Cookson, F.G.
 Coop, Dr H.V., F.R.C.S. (Eng.)
 Corban, B.P.N., M.A., Ll.B.
 Corban, Mrs L.G., B.A., Dip.Ed.,
 Dip.Tchg.
 Corbett, Captain D.A., A.F.R.A. & S.
 Couldrey, H.W.
 Craig, J.C.
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 Winstone, Mrs Natalie
 Winter, Mrs S.C.
 Wiren, Dr P.
 Witcombe, N.C.
 Wood, A.A.W.
 Wood, Mrs A.R., M.F.A.
 Wood, Miss Barbara L., M.A.
 Woodard, Mrs B.
 Woodbury, J.E.
 Woodfield, Miss B.J.
 Woodyear-Smith, H., M.B.E.
 Woodyear-Smith, Henry
 Woolford, R.B., B.Sc., Dip.Tchg.
 Worley, Rupert, M.C.
 Wright, Mrs E.I.
 Wright, G.A., M.Sc., D.Phil. (Oxon.),
 A.N.Z.I.C.
 Wright, R.S.
 Wrightson, P., M.A., F.R.A.C.S.
 Yearbury, P.C.
 Young, J.M., M.Sc. (Hons.), Ph.D.
 Young, Mrs Karen
 Young, Mrs N.M.

AUCKLAND INSTITUTE AND MUSEUM

PRIVATE BAG, AUCKLAND 1.

I wish to become a member of the Auckland Institute and Museum

Name Dr

Mr

Mrs

Miss

Professor

(Please print clearly)

Address

Degrees, Awards

The following member of the Institute has agreed to nominate me.

Name Signature

(Please print)

(The Museum's Director can arrange nomination if necessary)

The Auckland Institute and Museum is an educational institution which gives free service to the whole community throughout the year.

Money is urgently needed to widen its activities and increase its services to the community by the spread of knowledge among present and future citizens.

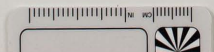
If additional help cannot be given now, a bequest would be of great value.

Form of Bequest.

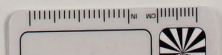
I give and bequeath to the Institution known as the Auckland Institute and Museum the sum of \$

free of succession or estate duty to be applicable for the general purposes of such Institution. And I declare that the receipt of the Treasurer or the proper officer for the time being of such Institution shall be a sufficient discharge for the same.

AIM Ann Report 1982 to 1983



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1982 to 1983



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1982 to 1983

